Dayton Hamvention®

2018

Amateur Radio...
Serving the Community

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Comments Invited!

Comments on your experiences at the Dayton Hamvention should be addressed to the following:
General Chairman
Dayton Hamvention
P.O. Box 964
Dayton, Ohio 45401-0964

The Dayton Hamvention Program is published by the Hamvention Committee. Permission is granted for reprinting articles, provided credit is given to the original author and the Hamvention Program.

Design and Layout

Program was created by Chuck Wright, K8MDB

Souvenir Program Committee

Chair ..... Charles Wright, K8MDB
Asst. Chair ..... Linda Kalter, W8AAV
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Linda Kalter, KD8YQU
Jim Shaw, AL7BA

The Dayton Amateur Radio Association (DARA) and Hamvention fully support and are committed to the objectives of the Americans with Disabilities Act (ADA). We strive to provide equal opportunity to all ADA qualified persons who participate in Hamvention. Our objective is to provide access to the event and we expect nothing less of those who provide building facilities, exhibits and services at our event.

Future Hamvention Dates

May 18, 19, & 20, 2018
May 17, 18, & 19, 2019
May 15, 16, & 17, 2020

Hamvention Phone Numbers

Emergency (937) 276-6930
Inside Exhibits (937) 276-6931
Flea Market (937) 276-6932
Prizes (937) 668-5311

Activities & Times

FRIDAY ACTIVITIES

9:00 a.m. - 6:00 p.m.	Flea Market open. Bus service runs 7:00 a.m. - 7:00 p.m.
9:00 a.m. - 6:00 p.m.	Inside Exhibits open, prizes on display.
9:15 a.m. - 5:00 p.m.	Forums and scheduled activities.
10:00 a.m. - 3:00 p.m.	Amateur Radio License Exams.
10:00 a.m. - 5:00 p.m.	Hourly prize drawings.

SATURDAY ACTIVITIES

9:00 a.m. - 5:00 p.m.	Flea Market open. Bus service runs 7:00 a.m. - 6:00 p.m.
9:00 a.m. - 5:00 p.m.	Inside Exhibits open. Prizes on display and Exams.
9:15 a.m. - 5:00 p.m.	Forums and scheduled activities.
9:00 a.m. - 3:00 p.m.	Hourly prize drawings.
10:00 a.m. - 4:00 p.m.	Amateur Radio License Exams.

SUNDAY ACTIVITIES

9:00 a.m. - 1:00 p.m.	Flea Market open. Bus service runs 7:00 a.m. - 4:30 p.m.
9:00 a.m. - 1:00 p.m.	Inside Exhibits open, prizes on display.
10:00 a.m. - 11:00 p.m.	Hourly prize drawings, must be claimed by noon.
9:15 a.m. - 12:00 p.m.	Forums and scheduled activities.
1:00 p.m.	Award Winners' Presentation in Forums 1 & 2.
1:00p.m.	Prize Drawing (unclaimed hourly prizes, followed by main prizes) in Forums 1 & 2. Bus Service will be available for a short time after the main prize drawing.

2018 Hamvention Souvenir Lanyard & Patch

NEW This Year Souvenir PATCH

The DARA AMATEUR RADIO Boy Scout Venturing Crew 73 is proud to announce a 2018 souvenir patch. These are in limited supply and could sell quickly!

We also will be offering the "DAYTON HAMVENTION 2018" souvenir lanyards.

2018 Souvenir Lanyards .....$4.00 ea.

All lanyards include laminating your Dayton Hamvention admission ticket.

2018 Souvenir PATCH .....$4.00 ea.

Red-White-Blue striped or Royal Blue lanyards $3.00 ea.

We will also laminate other items for you for a nominal fee.

Hours	Outside Tent	Inside
Friday & Saturday	7:30 am - 3 pm	9:00 am - 4 pm
Sunday	Closed	9:00 am - noon

Stop by with your children and have them get a surprise that will make them feel they are "little hams."

While Supplies Last

Thank you for supporting the DARA AMATEUR RADIO Boy Scout Venturing Crew 73.

Services

INFORMATION/DARA MEMBERSHIP

Information Booths are located inside the main pedestrian gate, outside the main pedestrian gate and at the entrance to the flea market. DARA membership is located in Building 4, "Volta". (See map on pages 27).

EMERGENCY MEDICAL CARE

Hamvention will have medical staff on site on site during show hours. Emergency care is also available from the following:

Greene Memorial Hospital
1141 N Monroe Dr, Xenia, OH 45385

LOST & FOUND

The Information Booth inside the main pedestrian gate will accept lost items. Items can be retrieved at this location the day the item is lost.

MESSAGE CENTER

Leave a message for your friends by submitting their call sign and message at the Prize Booth. Prize monitors throughout the arena complex will periodically list "message holding" by call sign.

LICENSE EXAMS

Have you been thinking about upgrading your license? Take a short ride across the street and visit the Hamvention License Exams. We are ready to assist you in taking that big step to a new license.

Free Laurel VEC license exams will be given across the street from Hamvention at Memorial United Presbyterian Church, 343 West Ankeney Mill Rd. Testing for all amateur license classes will be available on Friday, May 19th and on Saturday, May 20th. Hours for testing both days will be 10:00 a.m. until 3:00 p.m. There will be no testing on Sunday. Free shuttle vans are provided from the Hamvention site to the testing location and back. Shuttles will pick up and drop off near the main Hamvention gate. Exams will be given on a first-come, first-served basis. There is no pre-registration.

Large print exams will be available at all test sessions as will assistance for those who may have special needs. All are encouraged to come and take a test since there is no fee for these exams.

Each applicant must have the following:

1) Applicants must have an FCC Registration number (FRN as we no longer accept Social Security Numbers.) An FRN may be obtained by visiting the FCC Universal Licensing System at:
https://apps.fcc.gov/coresWeb/publicHome.do

From this page click on the REGISTER button and follow the instructions to apply for an FRN. You can also use this page to check and see if you already have an FRN. Be sure to print or copy down the FRN number you are issued and bring it with you to the testing location.

2) A copy of their current license (original copy, Reference Copy or Official Copy, if applicable).

3) The original of any CSCE or other paperwork which will be submitted for element credit.

4) Identification (can be any of the following).

- a government-issued photo ID (e.g. driver's license, passport, CAC),
- a non-government issued photo ID (e.g. student ID),
- a non-photo ID (e. g. birth certificate).

Applicants may wish to bring a basic calculator for use during the exam. Cell phone calculators may not be used during the exam. There will be a limited number of basic calculators available to borrow.

SHIPPING SERVICE

The US Postal Service offers freight service from their booth in Watt Hall 6311 and 6312. Postal dropoff available during regular show hours.

Freight hours are as follows:

Friday	11:00 a.m. - 6:00 p.m.
Saturday	11:00 a.m. - 5:00 p.m.
Sunday	10:00 a.m. - 1:00 p.m.

(Hours may vary: check at the booth for changes)

SPECIAL EVENT STATION

The 2018 Dayton Hamvention Special Events Station will be located in Building #2 in spaces 2706 & 2707 using station call W8BI.

The station will feature the custom built station tables that will have one station each.

Station One will feature either the Icom 7300 or 7610 Transceiver.

Station Two will feature the Kenwood 590 Transceiver.

Supporting the stations will be SWR metering. Monitors will be at each station to show station activity in an audio and visual manner.

The antennas will again be the Radio Wavz Sentinel Hex Beam using a 40 Meter Linear element for Station One.

The antennas are going to be supported by the P&R Communications Mobile Antenna Trailer, set up just outside of Building 2.

A visitor friendly station layout will be used this year to encourage patrons and operators use in a more comfortable and open environment.

Station operating hours will be Hamvention show hours each day.

TALK-IN FREQUENCIES

For directions and assistance in the Dayton area during your visit to Hamvention, contact

Transportation & Parking

"Talk-In" on the DARA Repeater 146.94 (-) with a backup frequency of 146.985 (-) pl 123.0
In addition, we will have a bulletin system transmitting on 145.525 where attendees and vendors can hear the latest information and updates and get answers to the most frequently asked questions. Please tune in to the bulletin and then return to the Talk-In frequency if you have other questions or need more detailed information.

TRUCK & TRAILER PARKING

Semi-trucks (except Vendor Semi-Trucks with pass and other parking instructions) and/or other oversized vehicles will park in the impound/tour bus/taxi lot. Use Gate 4 entrance and be directed to parking spot. If that becomes full, you will be redirected to a nearby lot within shuttle distance. Monitor Talk-In for early notice if lot is full. No overnight parking or camping is permitted. All vehicles must be removed by 9:00 p.m. The Greene County Sheriff and Greene County Parks Ranger will enforce the No Overnight Parking Rule.

CAMPER PARKING

On-site camping is managed by Greene County Fairgrounds office at 937-372-8621. No tent camping is permitted and no overnight camping is permitted in the flea market or the parking lot. Contact Greene County CVB (937-429-9100) or Montgomery County CVB (800-221-8235) for other available locations.

TEMPORARY LOADING PASS

A "Temporary Loading Pass" is available for guests to check heavy or large purchases at the Flea Market Will Call area and return with their vehicle to pick them up. The Will Call area is located along the front fence, next to Gate 1, across from the Flea Market Office. These passes act as a "Claim Check" and will be dated. Pass holders MUST return to the Will Call area via Gate 2 and must pick up their equipment before 6:00 pm on the day the pass was issued. Passes must be forfeited upon picking up the equipment. Once the equipment has been picked up, the guest(s) will be directed to exit through Gate 1. IMPORTANT NOTE: The Dayton Hamvention, Dayton Amateur Radio Association or any of their volunteers are not responsible for any items/equipment checked that are left over night.

Golf Cart Services

The Golf Cart Committee continues to provide no-cost shuttle rides and golf cart rides for customers to/from the ADA parking area and the general parking areas from 7:00 a.m. - one hour after closing. The golf carts can take you to the Flea Market Entrance. For safety reasons, we do not take passengers in and out of the Flea Market area.

The Analog Discovery
Ham Radio Workbench Bundle

"Every ham radio workbench needs an oscilloscope, waveform generator, voltmeter, data logger, logic analyzer, and spectrum analyzer. The **Analog Discovery 2** includes all these and more in a compact USB-connected device."

- George Zafiropoulos, Ham Radio Workbench Podcast

Visit the Digilent booth for more information and a special Hamvention exclusive promotion!

DIGILENT
A National Instruments Company

Scootaround
Mobility Product Rentals

SCOOTERS

Are you planning on attending? An electric scooter or wheelchair will ensure that you are able to see as much of the convention as possible.

While ScootAround will make every effort to accommodate all needs, you are encouraged to reserve in advance! To reserve your equipment call toll free (888) 441-7575 or complete the information form at the link listed below. We are happy to accept Visa and MasterCard for all rentals!

Website Rental Form:
http://locations.scootaround.com/DaytonHamvention

GREENE COUNTY FAIRGROUNDS & EXPOSITION CENTER

120 Fairground Road
Xenia, Ohio 45385
Phone: 937-372-8621
www.greenecountyfairgrounds.com

May 2018

To each of you who are reading this letter, we say "WELCOME" to our Greene County Fairground & Exposition Center. If this is your first year being with us, relax and enjoy the 2018 Dayton Hamvention®

If this is your second year with us, a warm welcome "home" to share another year of renewing old acquaintances and making new friends.

Many of us were part of the 'first year introduction" to the rainy Dayton Hamvention® which seemed to create more mud than dry pavement. Thank you to those who were part of our first year, taking it all in stride, we survived! Right away we began to look for ways to improve our fairgrounds for the 2018 Dayton Hamvention.

Working together as a "team" last year we were able to discover the talents of so many local people, all willing to do their part to make the 2017 Dayton Hamvention something special.

The Greene County Fairground & Exposition Center has received so many calls, perhaps from some of you, expressing your enthusiasm for the 2018 Dayton Hamvention®. We are equally excited that May will not only bring May flowers, but the Dayton Hamvention® as well. (Hopefully the rain will hold off this year until the last week in May).

Thank you for joining us for the 2018 Dayton Hamvention at our beautiful Greene County Fairgrounds & Exposition Center.

Warmly,

Esther Pierson, Secretary
Greene County Fairgrounds & Exposition Center

NEW THIS YEAR!
SHERIFF'S DEPT. TEXT MESSAGING SYSTEM

For traffic, weather, and other emergency messages:
Text "Hamvention18" to 888777

ADVERTISING

Hamvention always welcomes new advertisers. If you are interested in advertising with us in future years please contact program@hamvention.org

Dayton Hamvention Hosted By

Mesh Networks

The Miami Valley Mesh Alliance

And Supported By The AREDN™ AMATEUR RADIO EMERGENCY DATA NETWORK Core Technical Team

On Air: Channel -2 at 10 MHz SSID: AREDN-10-v3

Forum: Andre Hansen K6AH - Sat 1:30 PM, Room 2

Booth: Building 1, #1001

AREDN Classes At Booth – See Booth for Schedules

- Introduction to Mesh Technology
- Mesh Implementation Techniques
- Network Planning and Link Performance Estimation
- VOIP Applications for Rapid Deployment
- Mesh Network Applications for EmComm
- Network Performance Metrics and Tools
- How to "Un-Brick" a Mesh Node
- WinLink integration with Mesh
- Live streaming video cameras
- Using MeshChat
- How to Setup Node Location Data

www.miamivalleymesh.org www.aredn.org

The Dayton Convention & Visitors Bureau Welcomes

HAMVENTION

DAYTON™

CONVENTION & VISITORS BUREAU

Be sure to enjoy the Greater Dayton area restaurants, attractions, and shops while you're here!

For more information contact us today at 800.221.8235 or daytoncvb.com.

@daytoncvb

#DaytonHamvention #DiscoverDayton

800.221.8235 daytoncvb.com

Remembering Jerry Miller, WD8QAI, SK

Hamvention/DARA lost an astonishing friend and dedicated volunteer this past February. Jerry Miller, WD8QAI has been a prime mover within our club and Hamvention for many years. He was the lead board member spearheading the design and construction of our beautiful club house. Jerry is the long time publisher of the Hamvention program as well as our monthly newsletter. He served many years on the DARA board and successfully chaired other Hamvention and DARA functions. He also chronicled years of club activities by always being there with his camera. Losing Jerry has left a huge void we scramble to fill. He was someone we could count on as a friend and guide; someone who researched outcomes thoroughly. He was a respected man of integrity and vision, job well done, Jerry! The Amateur Radio Community is grateful for your service.
De.. W8CI Michael Kalter

Welcome

In the name and by the Authority of
THE STATE OF OHIO

THE OFFICE OF THE OHIO ATTORNEY GENERAL

A Proclamation Recognizing
The Annual Hamvention Event at the
Greene County Fairgrounds and Expo Center

WHEREAS, *Hamvention has been sponsored by the Dayton Amateur Radio Association (DARA) since 1952 when the Southwestern Ohio Ham-vention was born; and*

WHEREAS, *The Hamvention grew into the world's largest amateur radio gathering with attendees from around the world, moved to Dayton's Hara Arena in 1964, became a two-day event in 1973, and added Sundays in 1974; and*

WHEREAS, *in 2017 the Hamvention moved to the Greene County Fairgrounds & Expo Center, features over 500 indoor and over 2,500 outdoor exhibits, showcases the latest in amateur radio equipment technology as well as hard-to-find radio and computer accessories and equipment;*

THEREFORE, *as Attorney General of the State of Ohio, it is my honor to recognize the annual Hamvention event taking place at the Greene County Fairgrounds and Expo Center on May 19-21, 2017.*

May 19, 2017
Date

Mike DeWine, Ohio Attorney General

Greene County

Board of Commissioners

Alan G. Anderson
Robert J. Glaser, Jr.
Tom Koogler

35 Greene Street
Xenia, Ohio 45385-3101

Phone: (937) 562-5006
Fax: (937) 562-5331
Administrator: (937) 562-5002
Clerk: (937) 562-5165
www.co.greene.oh.us

April 2, 2018

Dear Hamvention® Attendees:

Welcome back to Greene County! We are pleased and excited, again, to host THE amateur radio event of the year.

Each community within Greene County, from the smallest to the largest, offers a unique atmosphere and a variety of attractions. We hope you can take some time to enjoy the many sites and scenes this region has to offer.

Local businesses, government entities, the schools, and many others throughout the County have been preparing for your visit to ensure you have an enjoyable time.

Thank you for coming to our community to renew friendships and showcase your community, amateur radio operators. Your theme, "Amateur Radio...Helping the Community", defines what you do so well...providing crucial communications to others during natural disasters. Thank you for your service.

Sincerely,

The Greene County Board of Commissioners

Tom Koogler, President

Alan G. Anderson, Vice President

Robert J. Glaser, Commissioner

EXPLORE XENIA

OFFICE OF THE MAYOR

107 East Main Street • Xenia, Ohio 45385 • Phone (937) 376-7231 • Fax (937) 374-1818

May 17-19, 2018

Greetings from the Office of the Mayor

On behalf of the City of Xenia, welcome to the Xenia community! It is an honor to once again be the host city for Hamvention.

Xenia is known as the "City of Hospitality." With that in mind, I'd like to personally invite you to take advantage of the Xenia area restaurants and retail shops. Our local business owners have worked hard to prepare for your visit, and they are excited to showcase their establishments to you!

Xenia also boasts being the bicycle capital of the Midwest. Whether on a bike or taking a walk, it's easy to enjoy the nationally recognized trails and parks throughout the community. Also, don't forget to explore area landmarks such as the Charles Young Buffalo Soldiers National Monument, the National Afro-American Museum, and the Greene County Ohio Historical Society.

Hamvention has a full schedule, but I do hope you are able to take some time to enjoy our community! Xenia is proud to be the City of Hospitality, and we look forward to living up to our name!

Again, welcome to Hamvention, and don't forget to Explore Xenia!

Sincerely,

Sarah J. Mays
Mayor, City of Xenia, Ohio

EXPLOREXENIA.COM

XENIA TOWNSHIP 18 05 OHIO

Xenia Township

Board of Trustees – Greene County
8 Brush Row Road – Xenia, OH 45385
(937)372-0859 FAX (937)372-3343
www.xeniatownship.org

TRUSTEES
L. Stephen Combs
Scott W. Miller
Susan Spradlin

FISCAL OFFICER
Sheila Imler

TOWNSHIP ADMINISTRATOR/ ZONING INSPECTOR
Alan D. Stock

FIRE CHIEF
Dean Fox

ROAD/PUBLIC WORKS SUPT
Jim Pile

Greetings To All Participants of Hamvention 2018

The Xenia Township Board of Trustees would like to extend the warmest welcome to you all. While we prepared for your arrival for months last year, nothing prepared any of us for the amount of rainfall and mud we all endured. What a memorable first Hamvention in Greene County! This year not only do we welcome you back, but we also encourage you to explore the very special "local experience" you'll find with us.

While you travel away from home, during your stay here you'll find you are in a region with a positively distinct feel. We are confident you'll enjoy yourselves in your interaction with friendly, local residents, while you dine at unique eateries, and explore the natural beauty of the area.

After Hamvention don't be surprised if you are drawn back here to experience destinations that show our rich historical heritage from the Shawnee to our three Historical Black Colleges and Universities, or by the development of first flight to defending our skies in national defense. Perhaps you'll extend your stay to enjoy the largest connected, paved walking and biking trail system in the United States, or to enjoy the beauty of one of the multiple local area's County or State Parks.

Come grow with us in your new location as you foster old friendships and develop new relationships. Although you might have arrived here as strangers, we hope you'll leave as friends looking forward to your annual return.

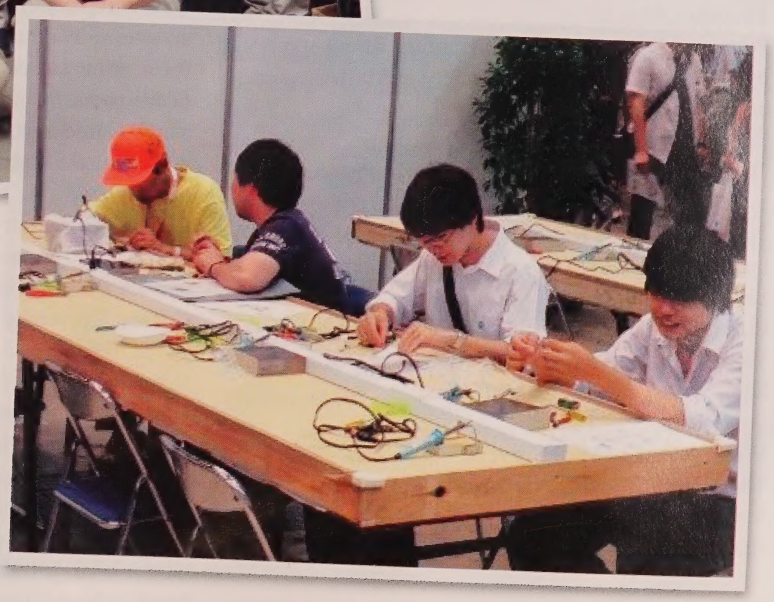
We are glad you are here,

Alan D. Stock
Township Administrator

Hamvention Represented Around the World

In 2012 the DARA Board wanted to reciprocate the European presence at Dayton Hamvention. Since then we have been sending a team to Friedrichshafen, Germany to set up a booth and work the Ham Radio International event there. We take information about Dayton Hamvention and about DARA. Last year we had 57 countries from all around the globe in attendance at Dayton Hamvention.

Hamvention Represented Around the World



DARA is spreading the word with a booth and a team of our members taking advantage of plenty of international networking opportunities in both Germany at Friedrichschafen's Ham Radio and in Japan at Tokyo's Ham Fair!

Affiliated Events

Multi-Day Events

FDIM (Four Days in May)
May 17-20
Holiday Inn, Fairborn, Ohio
-Thur, May 17 QRP Symposium
-Thur, May 17, 8-10 pm
Vendor Night. Free of charge
-Fri, May 18, 8-10 pm
QRP Club Night. Free of charge.
Homebrew Contest (entries 7-8pm)

Contest Super Suite
Wed, May 16 – Sat, May 19, 7:00 pm – 2 am
Crowne Plaza Dayton, 33 East 5th St, Dayton, OH 45402
2nd floor – Harding, McKinley, Garfield and Harrison rooms
Wednesday, May 16
Contest University registration from 8pm to 10 pm
Pizza party in the Harding Room sponsored by Mad River Radio Club (MRRC), Frankford Radio Club (FRC) and the North Coast Contesters (NCC) 10:30 pm
Thursday, May 17
Pizza and Wing party in the Harding Room sponsored by K3WW, K3LR and The Society of Midwest contesters (SMC) 10:30 pm
Friday, May 18
"Working by Numbers Band" Live in The Presidential Ballroom, 2nd floor of The Crowne Plaza 10:00 pm
Pizza Party in the Harding Room sponsored by The Potomac Valley Radio Club (PVRC) 11:00 pm
Saturday, May 19
Pizza Party in the Harding Room sponsored by The Yankee Clipper Contest Club (YCCC) 11:00 pm
http://www.contestsupersuite.com

Winlink RMS eMail Server
The Ohio ARES District 3 Winlink Radio Message Server (RMS) Gateway, W8GCA is available to Hamvention Participants on 445.01 MHz.

Background: Winlink is an amateur radio email service that allows hams to originate and receive global email messages via HF, VHF, and UFH radio stations. Winlink is currently promoted by the ARRL and ARES organizations as a primary EmComm support tool.

Amateur Satellite Demonstrations
Multi-day activity – Friday 9am-6pm, Saturday 9am-5pm, Sunday 9am-1pm
Amateur Satellite operation demonstrations will be held outside the main Maxim Hall (Building 1 or E1) entrance. Every day, AMSAT will be demonstrating actual contacts with the operational amateur satellites. We especially want to invite youth to make a contact via an amateur satellite. All are invited to observe, participate and ask questions. Satellite pass times will be posted at the AMSAT booth (1007-1010 & 1107-1110) and in the demo area.

Friday Affiliated Events

AMSAT Dinner
The annual AMSAT (Radio Amateur Satellite Corp.) "Dinner at Tickets" party will be held Thursday at 1800 EDT at Tickets Pub & Eatery at 7 W. Main St, Fairborn, OH. Great selection of Greek and American food and great company! No program or speaker, just good conversation. Food can be ordered from the menu, drinks (beer, wine, sodas and iced tea) are available at the bar. Leave room for dessert, there's an in-house ice cream shop! Come as you are. Bring some friends and have a great time the night before Hamvention.

Contest University
Thu, May 17, 7am – 5pm
Crowne Plaza Dayton, 33 East 5th St., Dayton, OH 45402
Contest University will be held on Thursday May 17, 2018, from 7:00 am to 5:00 pm., at the Crowne Plaza Hotel in Dayton, Ohio. This is the day before Hamvention officially opens. Don't miss this rare opportunity to gain knowledge from some of the top contesters, knowledge that may take you years of practice, trial and error or lost time to learn otherwise. Get the edge to improve your scores and put your station in the winner's circle today! Advance registration is needed. http://contestuniversity.com

AMSAT/TAPR Banquet
The twelfth annual AMSAT/TAPR Banquet will be held at the Kohler Presidential Center on Friday at 1830 EDT. This dinner is always a highlight of the

AMSAT (Radio Amateur Satellite Corp.) and TAPR (Tucson Amateur Packet Radio) activities during the Dayton Hamvention.

We are pleased to announce that Jeri Ellsworth, AI6TK will be our speaker. Jeri will present her innovative ideas and adventures in Amateur Radio. Jeri is an American entrepreneur, self-taught engineer, and an autodidact computer chip designer and inventor. In 2016, she passed all three amateur radio exams, earned her Amateur Extra license, and received the AI6TK callsign. This has now launched new adventures into Amateur Radio. She has been featured in January 2017 QST and in YouTube videos from Quartzfest earlier this year. Jeri has been given a fairly free hand to speak on whatever topic she wishes (as long as it's amateur radio, somewhat).

Tickets ($37 each) may be purchased from the AMSAT store. The banquet ticket purchase deadline is Tuesday, May 15th. Banquet tickets must be purchased in advance and will not be sold at the AMSAT booth. There will be no tickets to pick up at the AMSAT booth. Tickets purchased online will be maintained on a list with check-in at the door at the banquet center. Seating is limited to the number of meals reserved with the Kohler caterers based on the number of tickets sold by the deadline.

Top Band Dinner – 29th Annual event

Fri, May 18 Presidential Ballroom, 6:00 pm social hour, 7:00 pm dinner

Crowne Plaza Dayton, 33 East 5th St, Dayton, OH 45402

Dinner program by Jerry Rosalius, WB9Z

Limited seating - Reservations in advance only

http://www.topbanddinner.com

Collegiate Ham Radio Dinner

Fri, May 18, 6:30pm – 9pm

Cadillac Jacks Sports Bar & Grill, 1156 Kauffman Ave., Fairborn, Ohio 54324 Contact: Magda Moses KM4EGE, on behalf of the Virginia Tech Amateur Radio Assoc. magda14@vt.edu – 571-355-8582

The Collegiate Ham Radio Dinner is a get-together of current and past collegiate ham radio operators, and anyone who shares an interest in college ham radio clubs and activities. Come meet members and alumni from clubs across the country, share your college ham radio experiences, and discuss the projects and activities you've done! High school students looking at colleges are encouraged to attend as this is an excellent opportunity to get an idea of what a college ham radio club has to offer.

RSVPs are appreciated but not required.

26th Annual Dayton Contest Dinner

Sat, May 19 Presidential Ballroom, 5:30 pm social hour, 6:30 pm dinner

Crowne Plaza Dayton, 33 East 5th St, Dayton, OH 45402

The North Coast Contesters are proud to announce The 26th Annual Dayton Contest Dinner. Master of Ceremonies is John Dorr, K1AR. The 2018 CQ Contest Hall of Fame Inductions will be formally announced by Dave Siddall, K3ZJ. The keynote dinner speaker will be WRTC Chairman, Chris Janssen, DL1MGB. Space is limited, however, you can reserve tables for 10 or 12. Reservations in advance only.

http://www.contestdinner.com

ATV Friday Night dinner.

May 18, 6:30-9:30 pm at China Garden Buffet, 112 Woodman Dr., Dayton, Ohio 45431 (Airway Shopping Center). $11.99 (937-781-9999) All welcome. Dinner presentations and door prizes.

SWODXA Dinner

Friday, May 18, 6 PM

The Dayton Marriott

1414 S. Patterson Blvd. Dayton, Oh 45409

Cash bar- 5:30-11 pm

info@swodxaevents.org

Saturday Affiliated Events

Annual CW Pileup Competition
Kansas City DX Club Hospitality Suite
Dayton Crowne Plaza Hotel - Suite 525
Saturday nights beginning at 8pm.

Contest Dinner – 26th Annual event
Sat, May 19 Presidential Ballroom, 5:30 pm social hour, 6:30 pm dinner
Crowne Plaza Dayton, 33 East 5th St, Dayton, OH 45402
http://www.contestdinner.com

Competition History and Details:

The Kansas City DX Club has hosted its hospitality suite at the Dayton Crowne Plaza Hotel on Hamvention weekend every year since 1980. That same year, the club introduced its popular CW Pileup Competition, which was an instant hit, and quickly became a "must-do" for contesters and DXers from all over the world.

The format is straightforward. Participants are seated at a table in an adjoining room, and are given a set of headphones and a laptop. They are charged with copying as many calls as possible from a pileup of about 100 calls. The pileup file (created anew each year by Russ, KØVXU) simulates a possible "on the air" experience, with some calls sent once, some twice, at varying speeds and pitches. Some calls are "in the clear", but many are on top each other. After about five minutes, the test is over, and the current participants are ushered out one door while six more enter from another.

The entries are scored automatically, and the scores are quickly transcribed to a results chart on the wall in the main hospitality suite.

Beginning with the 2011 competition, those visiting the hospitality suite are able to view a live "Morse Race" on the suite's big-screen TV! The display shows a live graph of the current participants as they actually copy calls, and the rankings are updated almost instantaneously as well. This exciting new aspect of the contest was created by Chuck, NO5W, whose software engine drives our entire system.

The last test is offered about midnight, and then great prizes, provided by generous donors from the amateur radio equipment industry, are presented to the winners.

If you make it to the Dayton Hamvention, don't miss this event...Saturday nights beginning at 8:00 p.m. You'll have a great time, and may take home a great prize!

Need Dinner?
Stop by...
St. Brigid Church Festival
Fri. 6-10 pm, Sat. 4-10 pm, Sun. 12-6 pm
1/2 Mile to the West—Plenty of Parking
FOOD • BEER • GAMING • LIVE ENTERTAINMENT
Not your ordinary festival food! Homemade Filipino, Mexican, Greek, Italian, Greek, and American foods.
Delicious home made desserts.
Show this ad for $3.00 off a $10.00 food order.
Not good for beer sales.

QSL Cards

Did you make contact with W8BI this year?

At DARA (W8BI) we have members who are passionate about utilizing our fantastic club-house and keeping our station on the air. If you hear us on the air be sure to make contact. You could see your QSL card printed in the program in future years. Here are just a few of the contacts W8BI made over the past 12 months!

2018 Dayton Hamvention Committee

Row 1 (Left to Right): George Ewing WD8NHI, Gary Mullins K8UW, Jim Simpson WB8QZZ, Rob Gauder WD8CXV, Thomas Gross KD8VLS, Hazel Everetts N8PTL, Janey Ruminski KB8PMF, Linda Kalter W8AAV, Nancy Krodel KC8RMT, Mike Beuhler N8XGA, Susan Jebens KD8AFP, Melissa Markland KD8LZH

Row 2: Don Parker KB8PSL, Joe Binckly KD8YPY, John Lombardo KD8EMV, William Serrato W8CAN, Jim Storms AB8YK, Bill Serra N8NRT, Jeff Ullery KD8SHF, Dave Forbes KD8FO, Randy Midkiff WB8ART, Jim Frey W8ISZ, Ron Cramer KD8ENJ

Row 3: Larry Sack N8QNM, Terry Scott NV8E, Jon Thuermer KB8SRQ, Bob Baker N8ADO, Steve Coy K8UD, Andrew Anderson N8VES, Jeff Everetts N8IBW, Frank Beafore WS8B, Chris Beafore KD8UYG, James Tiderman N8IDS, Bob Pitsch AC8SL, Keith Yarger KD8UYT

Row 4: Charles Wright K8MDB, Jim Schottinger W8PLZ, Dave Tritch N8YFQ, Phil Brown AC8UW, Henry Ruminski W8HJR, Charles Kaiser KD8JZR, Ed Collins N8NUY, Ron Moorefield W8ILC, Dave Crawford KF4KWW, Brian Markland N8UDQ

Row 5: Jeff DeVoe K8JTD, Mike Crawford KC8GLE, Mark Tessneer KB8ZR, Chris Jebens KZ8XU, Gary Sammons W9SAM, Dan Minnix KD8YNG, Reuben Meeks W8GUC, Michael Kalter W8CI, Stan Leeds KC7EHJ, Rick Durrenberg KJ6OOM, Rick Alnutt WS8G, Joe Muchnij N8QOD

2018 Dayton Hamvention Committee

Administration

General Chairman Ron Cramer, KD8ENJ Assistant General Chairman Jack Gerbs WB8SCT

Admin	Special Asst.To Gen. Chair	Shaw	Jim AL7BA
Finance	Chair	Kalter	Michael W8CI
Finance	Assistant Chair	Beafore	Frank WS8B
Incoming Mail	Chair	Yarger	Keith KD8UYT
Information-Phone Line	Co-Chair	Roberts	Lynn N8LXK
Information-Phone Line	Co-Chair	Roberts	Shirley N8LX

COMMITTEES

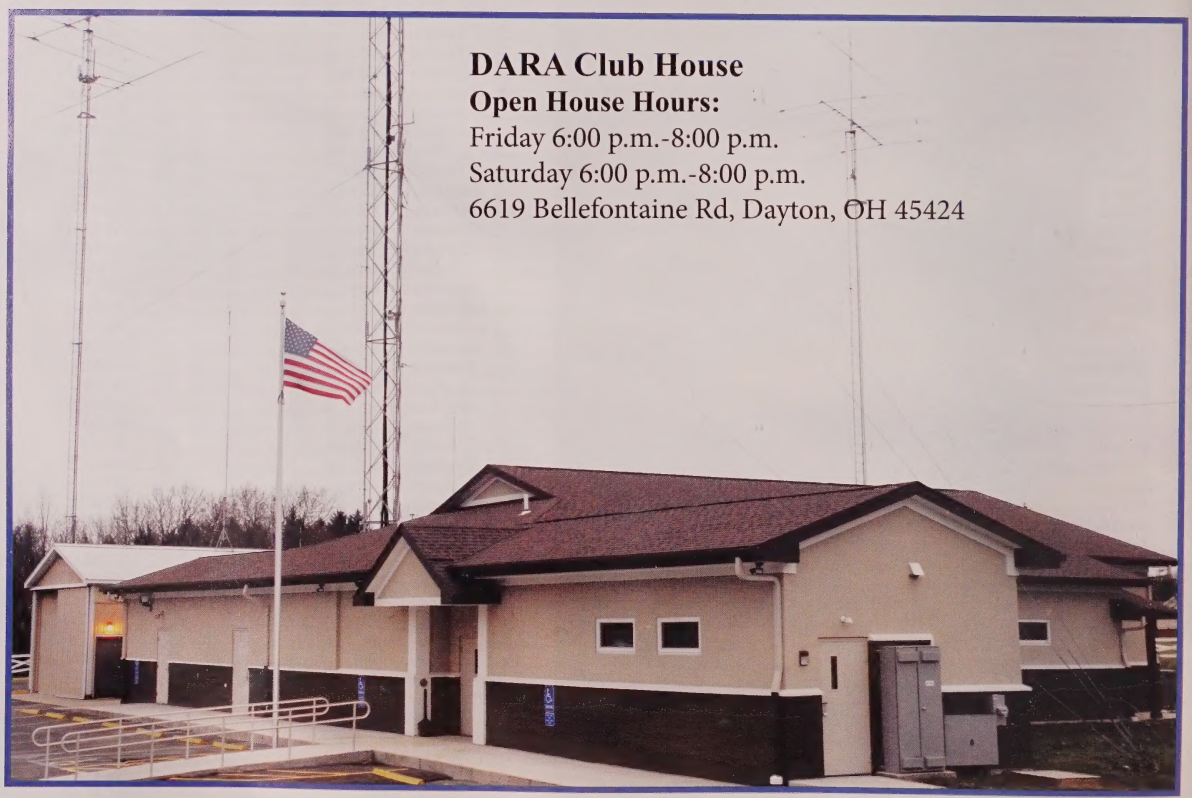
Booth Tracker	Chair	Coy	Steve K8UD
Committee & Volunteer Services	Co-Chair	Everetts	Hazel N8PTL
Committee & Volunteer Services	Co-Chair	Everetts	Jeff N8IBW
Fairgrounds	Liaison	Cramer	Ron KD8ENJ
Golf Carts	Chair	Sheline	Joe KD8AQH
Golf Carts	Assistant Chair	Buehler	Mike N8XGA
IT Infrastructure	Chair	Beafore	Chris KD8UYG
IT Infrastructure	Assistant Chair	Ewing	George WD8NHI
Visual Information	Chair	Koogler	Steve K8DZ
Visual Information	Assistant Chair	Forbes	Dave KD8FO
Visual Information	Assistant Chair	Schoettinger	Jim W8PLZ
Flea Market	Chair	Tritch	Dave N8YFQ
Flea Market	Assistant Chair	Coy	Steve K8UD
Flea Market	FM Assistant Traffic Chair	Durrenberg	Rick KJ6OOM
Inside Exhibits	Chair	Markland	Brian N8UDQ
Inside Exhibits	Assistant Chair	Leeds	Stan KC7EHJ
Inside Exhibits	Inside Liaison	Gauder	Rob WD8CXV
Inside Exhibits	Inside Manager	Markland	Melissa KD8LZH
Advance Registration	Chair	Storms	Jim AB8YK
Advance Registration	Assistant Chair	Midkiff	Randy WB8ART
Ambassador-at-Large	Ambassador at Large	Moorefield	Ron W8ILC
Ambassador-at-Large	Ambassador at Large	Collins	Ed N8NUY
DARA Membership	Chair	DeVoe	Jeff K8JTD
DARA Membership	Assistant Chair	Serrato	William W8CAN
Information-Booth	Chair	Thuermer	Jon KB8SRQ
Information-Booth	Assistant Chair	Jebens	Susan KD8AFP
Outgoing Mail	Chair	Kaiser	Charles KD8JZR
Outgoing Mail	Assistant Chair	Frey	Jim W8ISZ
Marketing	Chair	Wright	Chuck K8MDB
Media	Chair	Ruminski	Henry W8HJR
Media	Assistant Chair	Minnix	Dan KD8YNG
Media	Assistant Chair	Ruminski	Janey KB8PMF
Programs & Publications	Chair	Wright	Chuck K8MDB
Programs & Publications	Assistant Chair	Kalter	Linda W8AAV
Talk-In	Chair	Mullins	Gary K8UW
Talk-In	Assistant Chair	Sammons	Gary W9SAM
Webmaster	Chair	Markland	Brian N8UDQ
Webmaster	Assistant Chair	Ruminski	Henry W8HJR
ARRL Relations	Liaison	Tessneer	Mark KB8ZR
Live Stream	Chair	Pitch	Bob AC8SL
Live Stream	Assistant Chair	Simpson	Jim WB8QZZ
Awards	Co-Chair	Beafore	Frank WS8B
Awards	Co-Chair	Kalter	Michael W8CI
Balloon Launch	Chair	Muchnij	Joe N8QOD
Forums	Chair	Scott	Terry NV8E
Forums	Assistant Chair	Meeks	Reuben W8GUC
International Relations	Chair	Allnutt	Rick WS8G
International Relations	Assistant Chair	Morton	Paul KG8XY
License Exams	Chair	Jebens	Chris KZ8XU
License Exams	Assistant Chair	Crawford	Dave KF4KWW
Open House	Chair	Lunsford	Rob KB8UEY
Prizes	Chair	Serra	Bill N8NRT
Prizes	Assistant Chair	Nies	Jim WX8F
Special Event Station	Chair	Mathis	John WA5FAC
Special Event Station	Assistant Chair	Lamb	Charlie W4KZK
Special Event Station	Assistant Chair Local	Tiderman	Jim N8IDS
Youth Tech	Chair	Ullery	Jeff KD8SHF
Youth Tech	School Outreach	Hong	Jeremy KD8TUO
Communications	Chair	Crawford	Mike KC8GLE
Communications	Assistant Chair	Baker	Bob N8ADO
On-Site Signs and Fences	Chair	Brown	Phil AC8UW
On-Site Signs and Fences	Assistant Chair	Binkley	Joe KD8YPY
On-Site Signs and Fences	Assistant Chair	Apple	Larry N8MYQ
Parking	Chair	Gross	Tom KD8VLS
Security	Chair	Parker	Don KB8PSL
Security	Assistant Chair	Lombardo	John KD8EMV
Off-Site Signing	Chair	Sack	Larry N8QMN

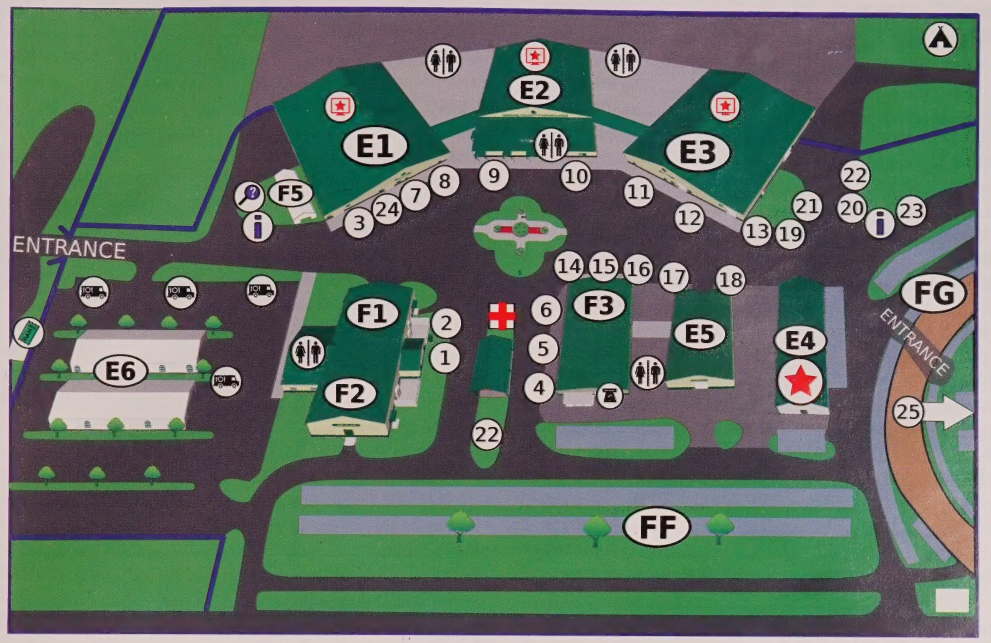
2018 DARA Local Scholarship

In the fall of 2011 the Dayton Amateur Radio Association (DARA) saw a need to help young local radio amateurs attend college. They created a scholarship program for local students and a committee was created to supervise the local scholarship program. Thus far we have awarded 12 scholarships. The $1500.00 scholarships are to be used for tuition, books or other related expenses. The student is required to be an active DARA member with a minimum of one year membership history and must hold an FCC Amateur Radio License. The scholarship must be used for continuing education in a math or science related field in an accredited two or four year university program.

Future Scholarships

Applications for the DARA Local Scholarship may be submitted at any time and must follow the guidelines set forth in the application. Information and application form for the DARA Local Scholarship may be found on the Dayton Amateur Radio Association Website - w8bi.org in the member's area. Please address any questions or submit applications to the committee at - localscholarship@w8bi.org





Food Vendors

1. Rader's Ice Cream
2. Louisiana Grill Bourbon Chicken
3. The Tin Cup Tea Cart
4. R + B Food Breakfast Sandwiches
5. Hawkins Family BBQ
6. Greene Co. Cattlemen
7. Down's Cajun Food
8. Steak on a Stick
9. Cork & Bottle Grilled Pork Chops
10. Granny Framers Noodles
11. Pizza
12. Sausage
13. Corn Dog, Chicken & Fries
14. Jean's Home Cooking
15. Kettle Corn & Cheesecake on a stick
16. Hamburgers & Breakfast Sandwiches
17. Steak on a Stick
18. Soft Serve Ice Cream
19. Fish Caboose
20. Rib-in-it-ribs
21. Los Marchese's Mexican Food
22. Beer Tent
23. Mr Mojo coffee
24. Young's Cheese Curds & Ice Cream
25. Lions Club - water Flea Market Infield

Exhibitors

10-10 International Net, Inc. 3810
405 Laserworks LLC 1907
ABR Industries 3211
Air Chair 6501-6502
Airspy.US 1201-1202
Albuquerque DX Association 1909
ALEXLOOP 3109
Alfa Radio Ltd 2106-2206
Alinco Inc. 3007-3008
Alpha Antenna, Amateur Radio Store 3207
Alpha RF Systems \ Dishtronix \ Ten-Tec 1807-1808
Amateur Television Network 6101-6102
Ameritron 1706,1806
AMSAT (Radio Amateur Satellite Corp.) ... 1007-1010,1107-1110
Apache Labs - Gigaparts 3708-3709
AREDN / Miami Valley Mesh Alliance 1001
Arlan Communications 4107-4108
ARRL, The National Association for Amateur Radio 2001-2004-2401-2404
Arrow Antenna 1106
Aventrade 3006
Bad Dog Tools 6513-6514
Batteries America 3808-3809
Begali Keys 2307-2308,2407-2408
BHI Ltd 1911
Bird 4311-4312
Brian Klein Enterprises 6107-6108
BRIDGECOM SYSTEMS, INC. 1103-1104
Buckmaster Publishing 5106
Buddipole 3003-3005
Cable X-Perts Inc. 4111
Capitol Electronics, Inc 1005
CG Antenna 6611
Christian Amateur Radio Fellowship 6311
Civil Air Patrol 6304
Collins Collectors Association 1003-1004
Comet Antenna / Daiwa Meters 3304-3306
Connect Systems Inc. 6309
Courage Kenny Handiham Program 6602
CQ Communications, Inc. 4307
Cushcraft Amateur Radio Antennas 1905-1906
CW Operator`s Club 6610
DARA - International Relations 2601
DARA Special Event Station 2706-2707
DARA Membership 4007-4008
DARC 2503
Davis Instruments 6713-6714
Dayton Convention & Visitors Bureau 4306
Dayton Skywarn 4308
Debco Electronics 1301-1302,1401-1402
Diamond Antenna 3401-3406
Digilent 3002
Dungeon Studios Prototyping 6109
DX Engineering 1207-1210,1307-1311
Ears To Our World 6509
EB104.RU 6702
ELAD USA INC 3010-3012
Elecraft, Inc. 1707-1711
Embroidery by Joel 6113
ESRC1 Corp 1101-1102
Expert Linears America, LLC 2603-2605
EZNEC Antenna Software 3811
FIRST Robotics 4004
Fists CW Club 6111-6112
Flagpoles by Uncommon USA Inc. 3204
Flexradio Systems 2007-2009,2107-2208
Forbidden Knowledge 4006
Foundation for Amateur Intl Radio Service (FAIRS) 6412
Fox Hill Embroidery 6408-6409
GAM Electronics 6703
GAP Antenna Products, Inc. 3001
Gemmagic 6801-6802
Gifts 4 HAMS / Kelly Laser Works 1205-1206
Gold Medal Ideas 3609-3611
Grace Technology 4209
Great Lakes HamCon 6612
Great Scott Gadgets 5008
Green Heron Engineering 3103-3203
Greene County Conv. & Visitors Bur. 6613
Ham Nation 5305
Ham Radio 2.0 - Yasme Foundation 4301-4303
Ham Radio Deluxe 5007
Ham Radio Outlet 2506-2507,3307-3311
Ham Radio Workbench 3104
HamCation Orlando 4109
HamSCI 4304
Hamsource 3903-3906
HamStudy.org 1901-1902
Hamvention Prize Booth 4500
Heil Sound Ltd. 5301-5304
Heritech Larm Partner AB 5104
Hilberling USA 3901-3902
HobbyPCB 1912
Huntsville Hamfest 4110
Hustler / New-Tronics 1505-1506
Hy-Gain 1903-1904
Hytech Marketing 6804-6805
ICOM America 2508-2509,2608-2610
Information Radio 1660 4005
Information Station Specialists 6503
Infratech 6104
iPortable 5205
Japan Amateur Radio League, Inc 2502
Jericho Prints 6205
JJ Surplus 6707
JK Antennas 3101-3301,3102-3302
JT Communications 3703
JVC Kenwood 1407-1411,1507-1511
K2BSA - ARA & Radio Scouting 2205
K4USD Network Club 6803
KB3IFH QSL Cards 6305
L.I.E. Gifts 6704
LATSYS GmbH 6403
LeafFilter North, LLC 6512

Libre Space Foundation 1006
Lido Mounts 4106-4206
Linux in the Ham Shack 5004
LnR Precision, Inc 6813-6814
Loop Antenna by I3VHF 3009
LowBandSystems 1809
LUSO Super-Techno 3105-3106,3205-3206
M&P Coaxial Cables 1606
M2 Antenna Systems, Inc. 3107
Maker Faire Dayton 6406
MARCO-Medical Amateur Radio Council 6310
MARS, Combined MARS 6302-6303
Mastrant - Gigaparts 3607-3608
Mendelson's 2701-2704
MFJ Enterprises Inc 1603-1605,1803-1805
MicroLog by WA0H 5206
Midwest VHF/UHF Society 6708
Millner-Haufen Tool Company 6705
Mini-Circuits 3803
Mobile Amateur Radio Awards Club (MARAC) 6608
Momobeam 1801-1802
Mr Gadgets 6810-6812
N3ZN Keys, LLC 1203-1204
National Federation of the Blind & The Unseen Bean 2602
National Voice of America Museum of Broadcasting 1910
National Weather Service 4308
Newark 6506-6508
NSIRadio.com 4211-4212
Nu-View 2 3804
Nuts & Volts / Servo Magazine 5003
NVIS Communications / Barrett Communications 6402
NW Digital Radio 1105
Ohio Responds Emergency Volunteer Registry 6404
Old Old Timers Club 6603
OM International Sideband Society 6510
Open Research Institute 6203
Orison Corporation 6214
Palstar Inc 5102-5103
PCnStuff, LLC 6105
Peet Bros. Company, Inc. 5202-5204
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QRP Works 1611
QSK, LLC 4210
QSO Radio Show 4313
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Quicksilver Radio Products 3503-3506,3603-3606
R & L Electronics 1303-1306,1403-1406
R.A.I.N. Report / Gateway 160M Radio Newsletter 6204
R.W. Antennastore 6207-6208,6307-6308
Rabbit Laser USA 4012-4013
Radio Amateur Callbook (ITFM) 6709
Radio Amateurs of Canada 2504
Radio Club of America 1811
Radio Society of Great Britain 2305-2405
RadioWavz 2606-2607
Rescue Tape 6407
RF-Kit.de 3710
RFinder, LLC 4011
Rig Expert 5105
Rohn Products, LLC 1701-1702
RT Systems 3805-3806
SATERN 6212-6213
Scanner Master Corp. 3303
Seeed Technology Co., Ltd 6711-6712
Siglent Technologies USA, Inc 5207-5208
Sign Man of Baton Rouge 3701-3702
Sign Man of Ohio 6114
Sinbad Glue 5308
SKCC Straight Key Century Club 4112
Skeddr 6511
Society of Amatuer Radio Astronomers / Radio JOVE 4207-4208
SSB Electronic USA 6103
SSS Solution 1810
SteppIR Antennas Systems 1501-1502,1601-1602
SuperApex Corporation 6411
Suspender Man 6312-6314
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TAPR (Tucson Amateur Packet Radio) 5009-5011
Tarheel Antennas Inc 3704-3706
Tech Exchance LLC 6209-6210
TeleUP Inc 6410
Tequipment.net 2801-2803
The American Legion National Headquarters 6609
The Competition 6710
The R.F. Connection 5109-5110,5209-5210
The Whistler Group 1503-1504
The Wireman 3908-3911
Timewave Technology, Inc. 5006
Tower Electronics 3501-3502,3601-3602
Transel Corporation 3801-3802
Universal Radio, Inc. 2005-2006
US Postal Service / Dayton Stamp Club 6413-6414
US Tower Corp. 3110-3111
Venture Crew 73 4010
Vibroplex 1607-1609
W2IHY Technologies 5001-5002
W5KUB 2804-2805
W5YI Group-Gordon West Radio School 2306-2406
WA8JBT 6607
Webster Communications Inc 6807-3809
West Mountain Radio 3208-3210
Western Case Company 6202
Wild Sage Native American Jewelry 4310
Wired Communications 5309-5311
Wireless Holdings 6211
Wolf River Coils LLC 1002
WRTC 2018 e.V. 2105
Yaesu USA 3407-3411,3507-3511
YLRL 2505
Youth DX Adventure 2602
Youth Tech - DARA 4001

Overview Map of Grounds

Gate 4
Guest Parking
Tour Bus

Gate 3
ADA Parking
Volunteer Parking

Gate 2
Package Pickup
Reserved Parking

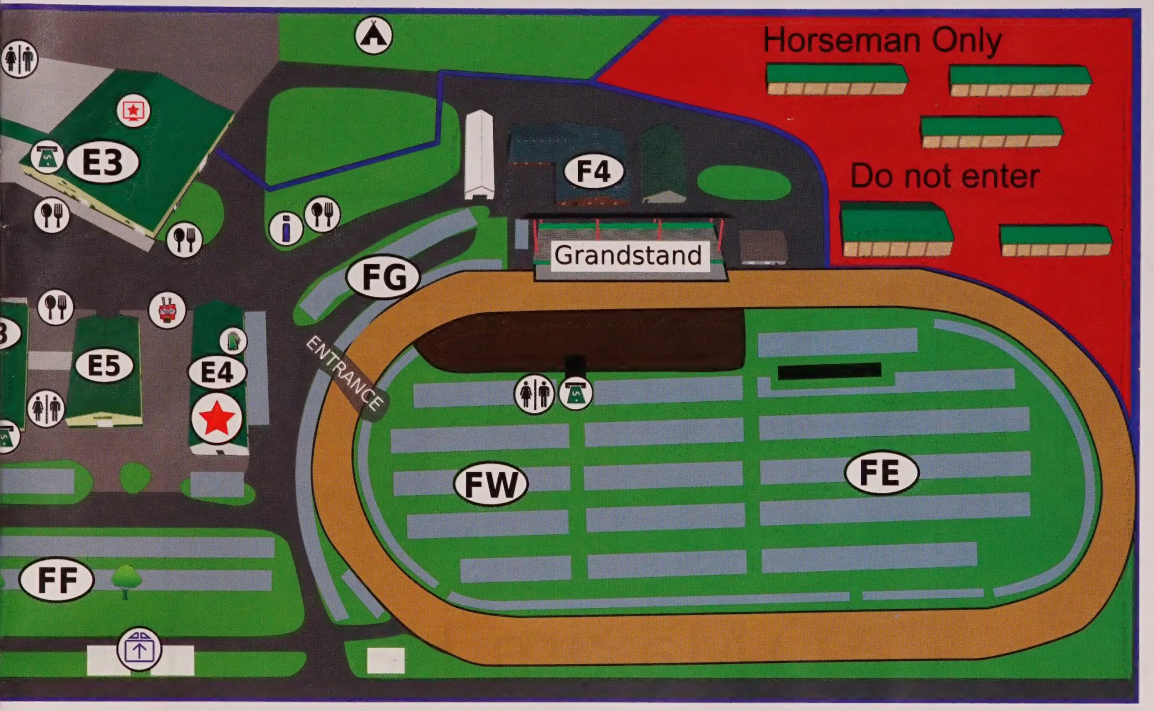
Parking

- Shuttle
- General
- Handicap
- Taxi / Tour Bus
- Scootaround
- Testing Shuttle

General Info

- Prize Booth
- Prize Monitor
- Info Booth
- Lost & Found
- Restrooms
- First Aid
- Robot Arena
- Charging
- Tickets
- Food Vendor
- Camping
- ATM
- EmComm Vehicles
- Venture Crew 73
- Package Pickup

Overview Map of Grounds



Gate 1
EXIT ONLY

Inside Exhibits

- E1 Maxim - 1000's
- E2 Tesla - 2000's
- E3 Marconi - 3000's
- E4 Volta - 4000's
- E5 Hertz - 5000's
- E6 Watt - 6000's

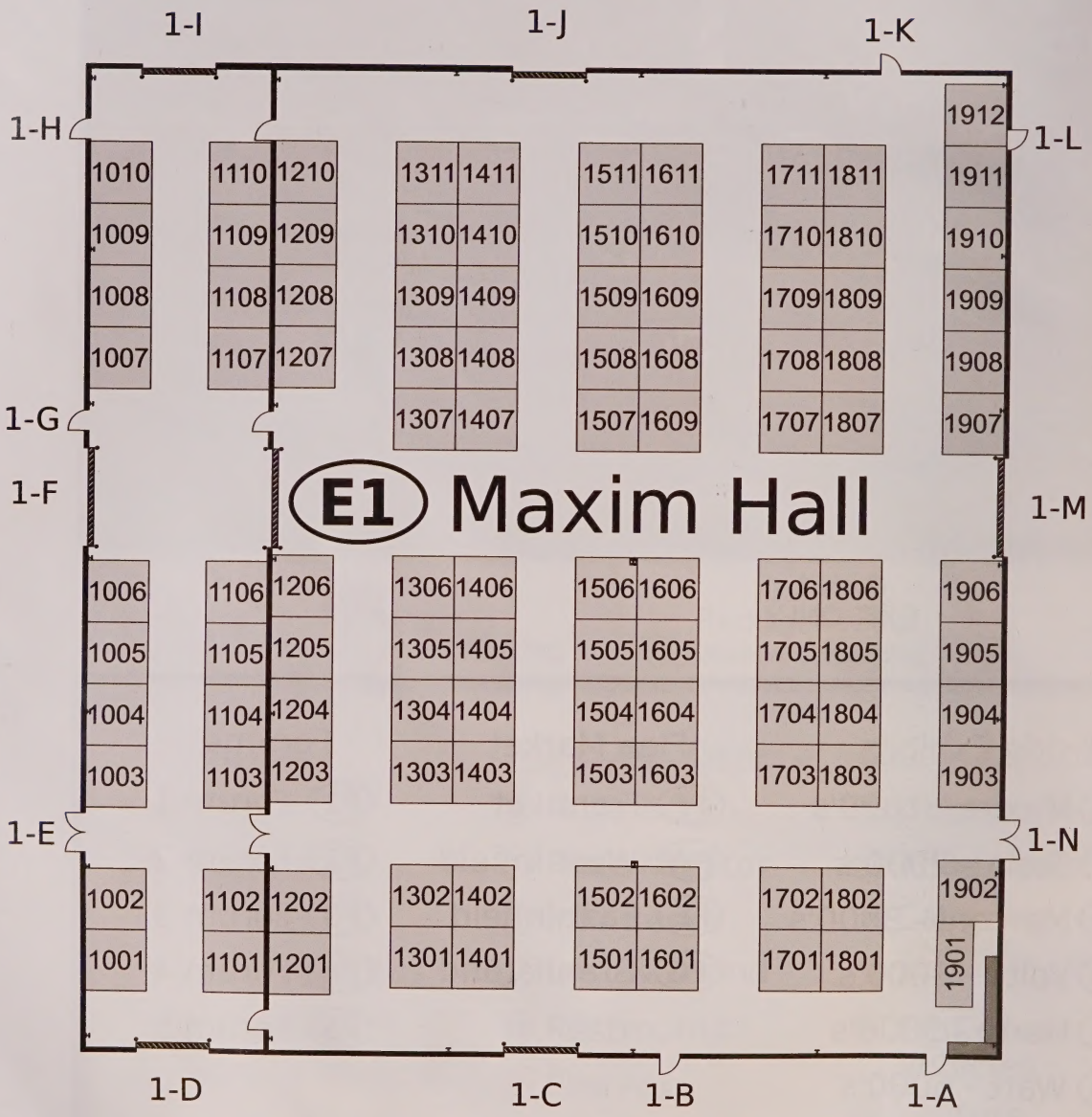
Flea Market

- FF Front Lot
- FW West Infield
- FE East Infield
- FG Grandstand

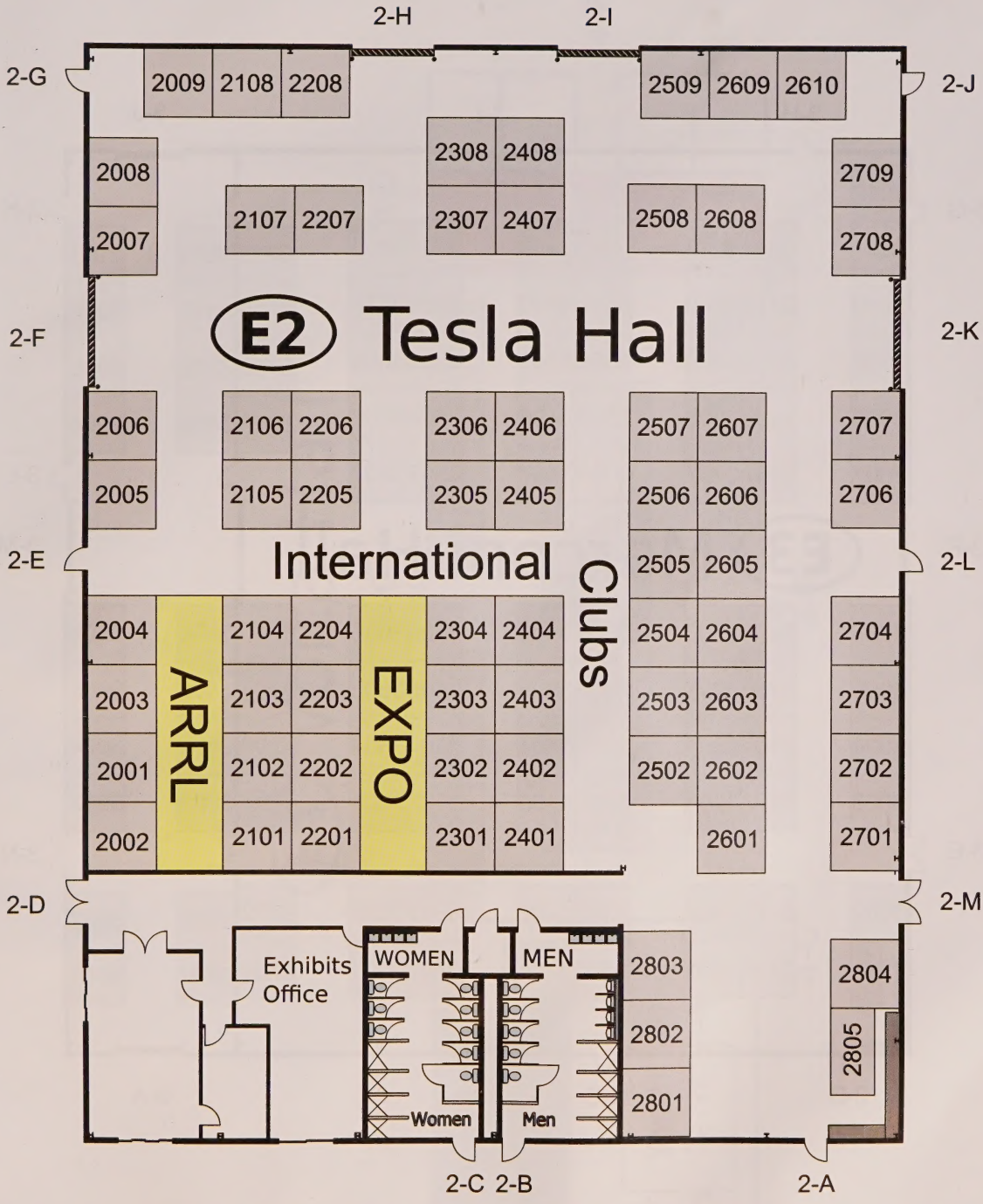
Forums

- F1 Forum 1
- F2 Forum 2
- F3 Forum 3
- F4 Forum 4
- F5 Forum 5

Inside Exhibits Map



Maps


2-H
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Tesla Hall
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2707
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2606
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International
Clubs
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2-D
2-M
Exhibits
Office
WOMEN
MEN
2803
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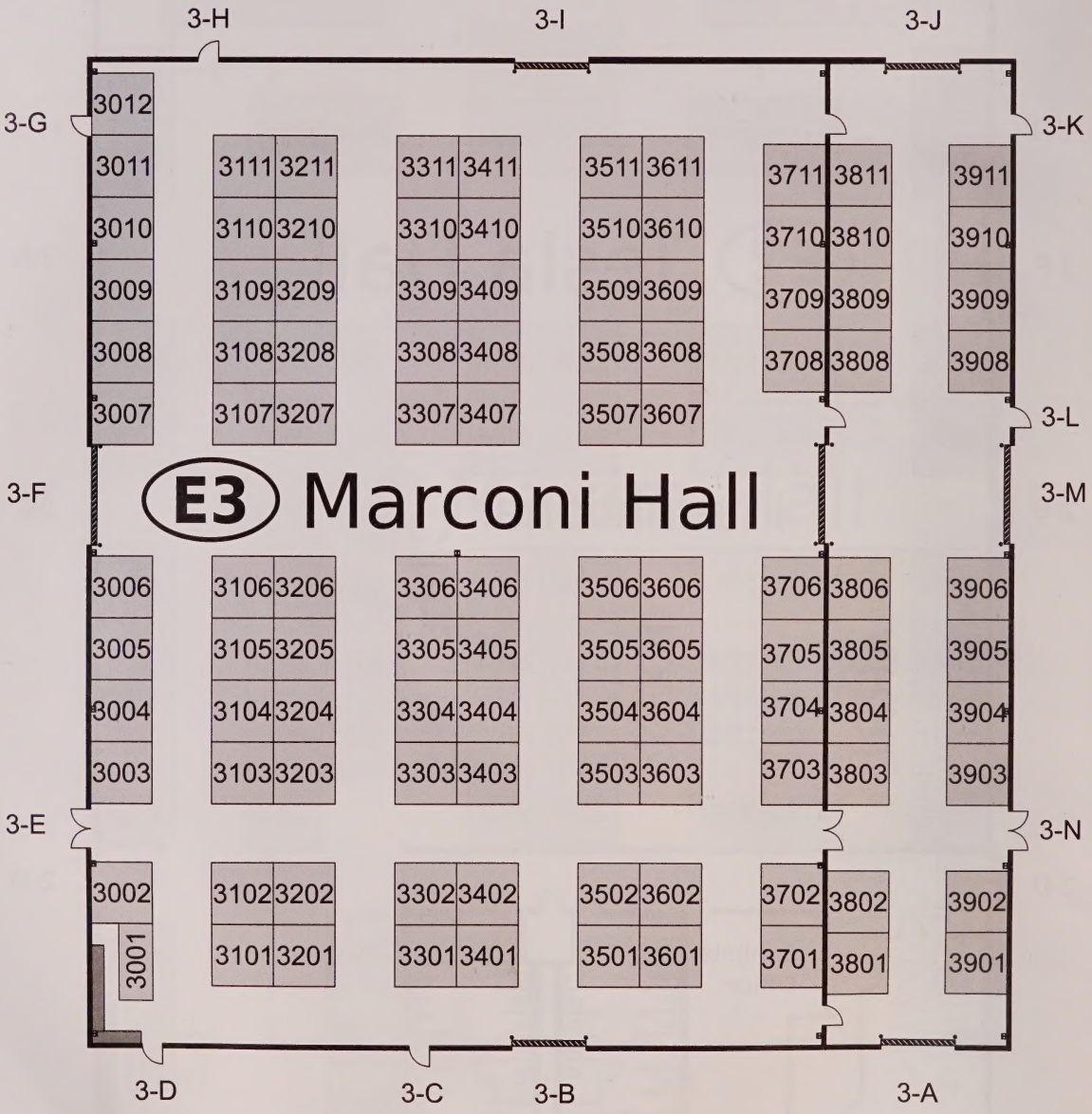
2802
2805
2801
Women
Men
2-C
2-B
2-A

Maps

Inside Exhibits Map



Maps

E4 Volta Hall
4-A
4-B
4-C
4-D
4-E
4-F
4-G
Ham Radio 2.0 4301-4303
4304
Youth Tech
4004
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4210
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4304
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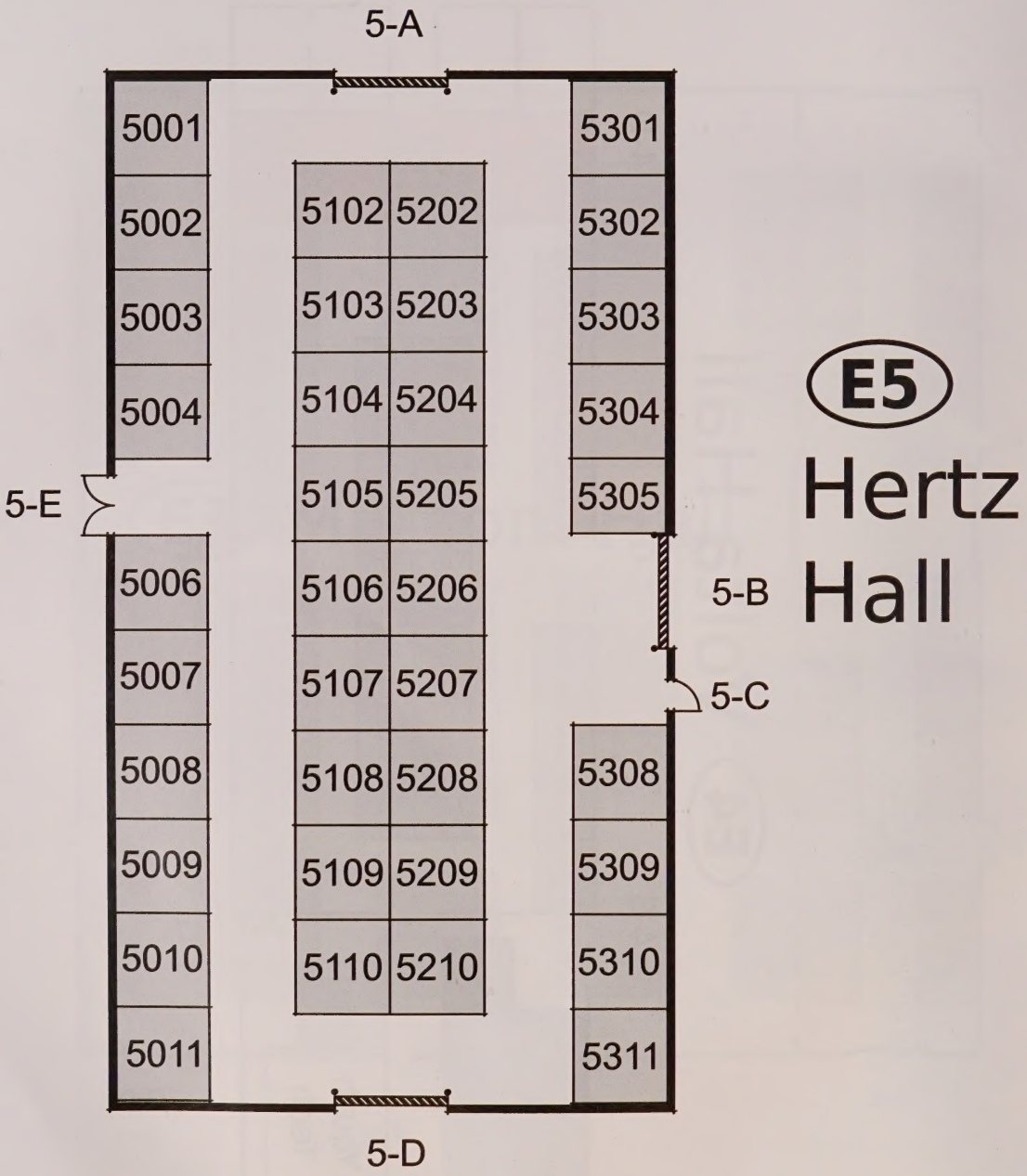
Prize Booth
4005
4006
4007
4008
4010
4011
4012
4013

Inside Exhibits Map



E6
Watt Hall
6-D
6-E
6-F
6-A
6-B
6-C
6814 6813 6812 6811 6810 6809 6808 6807
6805 6804 6803 6802 6801
6714 6713 6712 6711 6710 6709 6708 6707
6705 6704 6703 6702
6614 6613 6612 6611 6610 6609 6608 6607
6605 6604 6603 6602
6514 6513 6512 6511 6510 6509 6508 6507 6506 6505 6504 6503 6502 6501
6414 6413 6412 6411 6410 6409 6408 6407 6406 6405 6404 6403 6402 6401
6314 6313 6312 6311 6310 6309 6308 6307
6305 6304 6303 6302
6214 6213 6212 6211 6210 6209 6208 6207
6205 6204 6203 6202
6114 6113 6112 6111 6110 6109 6108 6107
6105 6104 6103 6102 6101

ARRL EXPO 2018

Hamvention®– May 18-20, 2018

ARRL Exhibit & Activities Guide

ARRL EXPO – Welcome!

ARRL, the national association for Amateur Radio®, welcomes all members and friends to Hamvention®, the 2018 ARRL Great Lakes Division Convention. Use this handy guide to find ARRL-sponsored activities, exhibits and program representatives. ARRL EXPO is a large exhibit area located in "Tesla" Building 2.

Rick Roderick, K5UR – ARRL President
Dale Williams, WA8EFK – Great Lakes Division Director
Thomas Delaney, W8WTD – Vice Director
Scott Yonally, N8SY – Ohio Section Manager

Special Guests

ARRL welcomes these volunteers to Hamvention, recognized for their leadership throughout the response by Amateur Radio operators to the devastating 2017 hurricanes in Caribbean.

Andy Anderson, KP4AAN – ARRL and American Red Cross volunteer
Valerie Hotzfeld, NV9L – ARRL and American Red Cross volunteer
Oscar Resto, KP4RF – ARRL Section Manager, Puerto Rico
Fred Kleber, K9VV – ARRL Section Manager, US Virgin Islands

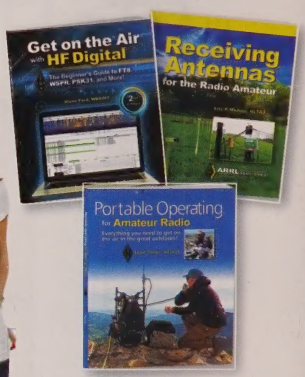
Gary Sessums, KC5QCN (left), Mike Corey, KI1U (center), and Valerie Hotzfeld, NV9L (right), delivering supplies following the 2017 hurricanes.
[Oscar Resto, KP4RF, photo]

ARRL Store

Visit the HUGE ARRL bookstore to join, renew or extend your ARRL membership, and get the latest publications, supplies, and official ARRL merchandise.

- FREE Gift when you join, renew, or extend your ARRL membership at the show.
- FREE Gift for **ARRL Life Members** when you stop by the ARRL Store.
- FREE ARRL EXPO 2018 Button!

2018 ARRL Field Day and International Grid Chase – *Get in the chase!* This year, many groups and participants may choose to combine 2018 Field Day with ARRL's yearlong operating event, the International Grid Chase (IGC) -- working stations in as many grid squares as possible and uploading log data to ARRL's Logbook of The World (LoTW). **ARRL Field Day is June 23-24, 2018**. Gear up for these popular on-air events with official shirts, pins, hats, and more!



Meet the Authors – Meet ARRL authors and editors who are inspiring today's radio experimenters, operators and innovators. (see schedule in the ARRL exhibit area)

ARRL Exhibits...

- **ARRL Public Service** – featuring ARRL Ham Aid.
- **ARRL Collegiate Amateur Radio Initiative**. We Want U to help advance ham radio among college and university students.
- **Learning!...with ARRL**. Meet ARRL Education & Technology Program Instructors and explore the resources available for introducing radio science and wireless technology to everyone! Find ways to **make, discover, experiment, explore, and build**.
- **Radiosport and DXCC**. DXCC Card Checking; ARRL Contests and Awards; The ARRL Logbook of the World (LoTW); QSL Bureau; and featuring the **2018 ARRL International Grid Chase**.
- **ARRL Development and ARRL Foundation**
- **ARRL Field Organization Volunteers** – Visit this gathering area for ARRL Field Organization networking, hosted by the ARRL Ohio Section.
- **ARRL Visa® Card** – U.S. Bank
- **The International Amateur Radio Union (IARU)** – Meet representatives from the IARU.

Training Track: Public Service Communications

(Room 3; see forum schedule)

The theme for this year's Hamvention is "Amateur Radio...Serving the Community." Attend three or more of the ARRL-sponsored Public Service Communications forums, and earn an ARRL certificate in recognition of your commitment to ham radio public service training and development.

Friday May 18, 2018
#1: Getting Started in Public Service Communications
#2: Building Partnerships

Saturday May 19, 2018
#3: Panel Discussion
#4: Stories from the 2017 Hurricanes

Attend all 4!

ARRL Stage: Spotlight on Public Service Communications

Drop-in to enjoy short public-service-themed presentations throughout the convention. The nearby Public Service exhibit will include a display of ARRL Ham Aid equipment, which received much attention and significant donor support following last year's hurricanes. (see schedule posted near the ARRL Stage in the ARRL exhibit area)

Presentation: The 2018 ARRL International Humanitarian Award

Saturday May 19 – 1:30 PM (Room 3)

The ARRL Board of Directors has conferred the 2018 International Humanitarian Award jointly on the radio amateurs of Puerto Rico and the US Virgin Islands, for the efforts made by many hams who aided in relief and recovery after a punishing 2017 hurricane season in the Caribbean.

ARRL-sponsored Forums (see forum schedule)

Friday May 18, 2018

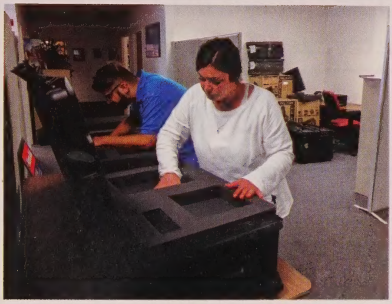
- **ARRL International Grid Chase 2018 -- Get in the Chase!**

Saturday May 19, 2018

- **ARRL Member Forum**
- **ARRL Collegiate Amateur Radio Initiative**

Sunday May 20, 2018

- **Reaching the Public with Ham Radio**



ARRL staff members Eric Casey and Amanda Grimaldi, N1NHL, assemble Ham Aid kits for Puerto Rico. [Michelle Patnode photo]

Meet these ARRL Headquarters Staff

Bob Allison, WB1GCM
Ken Bailey, K1FUG
Marjorie Bourgoin, KB1DCO
Lauren Clarke, KB1YDD
Michael Corey, KI1U
Jackie Ferreira, KB1PWB
Steve Ford, WB8IMY
Regina Galuppi, W3DGI
Dan Henderson, N1ND
Bob Inderbitzen, NQ1R
Dave Isgur, KC1JMX
Sabrina Jackson, KC1JMW
Bart Jahnke, W9JJ
Kim McNeill, KB1WUX
Diane Middleton, W2DLM
Michelle Patnode
Michael Scharr
Barry Shelley, N1VXY
Yvette Vinci, KC1AIM

Collegiate Amateur Radio Initiative

Andy Milluzzi, KK4LWR
Tony Milluzzi, KD8RTT

Education & Technology Program Instructors

Tommy Gober, N5DUX
Matt Severin, N8MS

THANK YOU!

ARRL expresses its gratitude to the 2018 Hamvention® Committee, Dayton Amateur Radio Association, and all the volunteers who contributed to the success of ARRL EXPO 2018 in Xenia, Ohio.

ARRL The national association for AMATEUR RADIO®

Major Prize Donor List for 2018

Alfa Radio
American Radio Relay League
Belden Wire
Capitol Electronics
DX Engineering
Ham Radio Deluxe
Icom
Kenwood
RFinders
RT Systems
SteppIR Antenna Systems
Universal Radio
Yaesu

The Major Prize Donor list recognizes donors whose aggregate donations exceeded $600. We thank them for their generosity!

2018 Dayton Hamvention Major Prizes

- Alfa Antenna Rotor
- ARRL Gift Certificates
- Belden Wire Gift Certificates
- DX Engineering HF-9V
- DX Engineering TW-5
- HRD Software Suites
- IC-7610
- IC-7300
- ID-51A
- ID-5100A Deluxe
- ID-4100A
- ID-2730A
- IC-2300H
- Kenwood Radios
- K1DU Radio and subscription from RFinders
- RT Systems Gift Certificates
- SteppIR Antenna
- Universal Radio Assorted Prizes
- FT-991A
- FT-891
- FT-400XDR Three Radios
- FT-70DR Six Radios

Prize Donor List 2018

Air Chair
ALFA Radio
Alpha Antenna
Amateur TV Quarterly
American Radio Relay League
AMSAT
Array Solutions
ARISS -Amateur Radio on International Space Station
Arrow Antenna
Begali Keys
Bird Technologies
Buckmaster Publishing
Capitol Electronics
Comet Antenna Systems
CQ Communications, Inc.
DX Engineering
EasyWay Hambooks
EZ-NEC Software
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RadioWavz
RT Systems
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Society of Amateur Radio Astronomers
SteppIR Antenna
Tuscon Amateur Packet Radio
Tarheel Antenna
RF Connection
The Wireman
Universal Radio
WB0W
Webster Communications, Inc.
West Mountain Radio
Yaesu

Friday, May 18th

9:15-10:30 **Room 1** **TAPR Forum**

Moderator: Scotty Cowling, WA2DFI

Scotty was first licensed in 1967 and has been continuously active since that time. He is active while mobile on HF CW and on APRS. Scotty is an advisor for Explorer Post 599, a BSA affiliated ham club for teens in the Phoenix area.

9:15 – 9:25AM Introduction by Steve Bible, N7HPR, TAPR President

9:25 – 9:30AM Write for QST/QEX by Steve Ford, WB8IMY QST Editor

9:30 – 9:55AM "SDR vs Legacy Radio" by Adam Farson, VA7OJ/AB4OJ

9:55 – 10:20AM "Collecting Solar Eclipse Data using SDR, plus a Low Noise VHF/UHF Synthesizer" by John Ackerman, N8UR

Abstract: Using an SDR to collect data during the "Great American Eclipse" on August 21, 2017, and a Versatile Low-Noise VHF/UHF Synthesizer.

10:20 – 10:30AM "What is HamSCI?" by Nathaniel Frissell, W2NAF

Bio: Nathaniel Frissell, W2NAF, is a research professor with the New Jersey Institute of Technology Center for Solar-TerrestrialResearch. Nathaniel's interest in ionospheric science began in middle school when he was introduced to amateur radio through scouting.

9:15-10:15 **Room 2** **Remote Access to your Amateur Radio Station**

Moderator: Mark Aaker K6UFO

Speaker: Ria Jairam N2RJ, FlexRadio Systems Community Elmer.

Remote access makes your station more useful and enjoyable. Let's get you online quicker, and avoid the common problems, with an overview of remote access methods being successfully used today. We'll also feature a remote operator speaking about the new SmartLink remote access software released from FlexRadio Systems and shipped with their SmartSDR 2.0 software. And yes, we'll save time for your Questions and Answers! Extra Class license and the General Radiotelephone Operator's License. His on-the-air interests include emergency communications, contesting, and digital modes. He is the author of the National Interoperability Field Operations Guide (NIFOG), which is widely used by public safety and emergency communications professionals across the country."

9:15-10:30 **Room 3** **ARRL Public Service Communications**

Presenter: Ken Bailey, K1FUG, ARRL Emergency Preparedness Assistant and Continuing Education Program Administrator Amateur Radio operators have a history of helping their communities by providing radio communications in good times and in bad. You need to prepare yourself. Preparedness is about training so you will be ready when called upon. Being ready is about believing it can happen and taking steps needed to act properly when things go bad. This forum is for the newly licensed ham, and for those new to public service and emergency communications who want to learn how to do more for their community. Sponsored by ARRL, the national association for Amateur Radio.

9:15-10:15 **Room 4** **SHARES HF EMCOMM**

Moderator Ross Merlin WA2WDT

SHARES (SHAred RESources) is a Federal government HF radio program for backup communications and interoperability among Federal agencies and Federally-affiliated entities that have a need to send or receive national security or emergency preparedness communications such as state agencies, county emergency management agencies, and critical infrastructure / key resources providers (telecommunications, energy, healthcare, transportation etc.). This session will include both an introduction to SHARES for potential users and an open forum for audience members to discuss program issues with the SHARES Program Office staff.
Ross Merlin, WA2WDT, is the SHARES Program Manager. He holds an Amateur Extra Class license and the General Radiotelephone Operator's License. His on-the-air interests include emergency communications, contesting, and digital modes. He is the author of the National Interoperability Field Operations Guide (NIFOG), which is widely used by public safety and emergency communications professionals across the country.

9:15-10:30 **Room 5**

Parks On The Air
Moderators: W8TAM Thomas Martin & K8VOX Julie Martin
Like many, Thomas and Julie began their love affair with portable operating with the National Parks on the Air program. To date, they have activated over 100 parks in nearly a dozen states.
Why Parks On The Air?
How to be a conscientious participant.
Gear, techniques, planning, and execution.
Friends and pileups await you on the bands. Join in the fun!

10:45-11:45 **Room 1**

APRS Forum
APRS continues to expand into more areas. Bob Bruninga, WB4APR will give an update on the state of APRS and the opportunities for APRS via the several Amateur Satellites in orbit and in work. Don Arnold, W6GPS will talk about the new Kenwood TH-D74 combined APRS and Dstar radio and Bryan Hoyer K7UDR will talk about the APRS-of-Things and Sterling Coffey N0SSC will talk about all the APRS tablet and phone applications. Others will update on their APRS projects and as time permits, other APRS topics from the floor are welcome.

10:30-11:30 **Room 2**

Combined MARS Forum Hamvention 2018 (UNCLASSIFIED)
Presentations to be given by David McGinnis and Dave Stapchuk.
Paul English, A CIV USARMY NETCOM(US)The Military Auxiliary Radio System is a Department of Defense sponsored organization the trains FCC licensed amateur radio volunteers in military communications procedures and digital messaging protocols in order to provide contingency HF communications support to the Department of Defense and Military Services. The MARS forum this year will focus on lessons learned from contingency support provided by our MARS volunteers during the 2017 hurricane season in both Texas and Puerto Rico. Presenters will demonstrate the newest military HF radio, the PRC-160 tactical wide band HF radio that will soon be fielded to military units worldwide. Additionally, presenters will discuss the latest developments in the MARSRADIO phone patch network which supports the

military services with HF phone patch.

10:40-11:40 **Room 3**

Antennas for Emergencies Forum
Frank J. Beafore, WS8B
This presentation will be in forum style with everyone participating in the discussion. The forum will look at emergency situations, currently off the shelf (COTS) products available and homebrew solutions based on simple antenna theory. Participants should be better prepared for a variety of emergency situations after attending this forum.

10:30-11:30 **Room 4**

2018 Hamvention Instructors' Forum
Moderated by Carole Perry WB2MGP
This forum is for teachers and instructors to share techniques and new ideas for the classroom and ham radio youth groups. There will be an emphasis on suggestions for teaching youth about emergency preparedness and how to tie it in to geography, social studies, and amateur radio skills.
There will be excellent opportunities for networking along with great door prizes.
Speaker will be Charles Kirmuss W0CBK who is an RCA Youth Activities volunteer as well as Director of Rampart Search and Rescue for Adams, Lincoln and Morgan Colorado Counties Sheriff's Department.
Topic: Teaching Emergency Preparedness through radio communications; including weather watching, navigation with maps and gps, environmental observations, first aid, search techniques, etc; Discussion on how to organize teenagers into volunteer emergency programs (CERT, SAR, ARES).

12:00-1:45 **Room 1**

Homeland Security Forum
Moderator: John Peterson
The Department of Homeland Security's (DHS) Office of Emergency Communications (OEC) forum is geared toward auxiliary emergency communicators who volunteer to provide backup emergency radio communications support to public safety and emergency response agencies. Typically they are amateur radio communicators from groups such as MARS, ARES, RACES, SATERN and other amateur radio groups. Volunteer emergency communications operators/groups have been providing back-up emergency communications to the public safety community for nearly a century. They are routinely used by event planners and emergency managers at all levels of government. Today nearly all the States/territories have incorporated some level of participation by amateur radio auxiliary communication operators into their communications interoperability plans. Come talk with the DHS Communications Unit (COMU) subject matter experts at this year's forum and learn about the nationally recognized, NIMS/ICS compliant, AUXCOMM course. In this forum you will learn about the latest changes for COMU training (aka COMU 2.0) and be updated about the new COMU courses that are currently in development and are expected to be deployed in the not so distant future. Additionally, OEC will bring in subject matter experts that were on the ground and directly involved with deployment and operations of AUXCOMM operations during last year's hurricanes. This forum is filled with new information that will be beneficial to all those who

provide emergency communications support to the Public Safety community. Moderator for this Forum: John Peterson (N4KEA), from the Office of Emergency Communications in Washington, DC, will be the lead for this information packed forum.

11:45-1:00 **Room 2**

D-Star
Moderator Robin Cutshaw, AA4RC
New devices. New software. Join Robin Cutshaw (AA4RC) and more for updates on D-STAR.

11:50-1:05 **Room 3**

ARRL Public Service Communications #2: Building Partnerships
Presenters: Mike Corey, KI1U, ARRL Emergency Preparedness Manager
Sarah Byrne, Community Partners Specialist, External Affairs, FEMA
Solid, collaborative, and mutually beneficial partnerships are key to successful disaster and emergency response. Amateur Radio public service groups rely on such partnership when serving their communities. This session will address how to build and grow partnerships of different levels of complexity, across a wide range of interests and organizations -- from Voluntary Organizations Active in Disasters (VOADs), to other non-profits and businesses. Sponsored by ARRL, the national association for Amateur Radio.

11:45-12:45 **Room 4**

Kit Building
Moderator/Keynote Speaker: Joe Eisenberg, K0NEB
Kit Building Editor, CQ Magazine "Kit Building Techniques for Success"
A look at ideas for making your kit building experience go better and give you the highest chance for success. This forum is designed for both beginning and experienced builders. Topics to be covered include choosing the correct soldering iron and not break the bank, choosing the best type of solder and desoldering tools, how to handle winding toroids, sorting parts, and what spare parts to have on hand. If possible, onsite sources for these items will be given. Speaker: David M Cripe, NM0S Engineer, Rockwell Collins and designer of many 4-State QRP kits.
Introducing the new 4SQRP kits for 2018 and what is coming in the future, and using printed circuit boards to make the cases, including the design and assembly hints.

11:45-1:15 **Room 5**

BalloonSat Forum Program
Moderators: Bill Brown WB8ELK and Doug Loughmiller W5BL
Great Plains Superlaunch Pico Balloon Race -Bill Brown WB8ELK
Solar Eclipse Balloon Flight- Paul Verhage KD4STH (talk presented by Bill Brown WB8ELK). National Scout Jamboree Balloon Flights-Keith Kaiser WA0TJT and Mike Yammine KB8CMS. Promoting STEM with High Altitude Balloons and Drones- Brian Tanner, Spaceport Indiana. A Pico Balloon Race will be launched after the BalloonSat Forum

1:15-2:30 **Room 2**

National Weather Service Forum
Working With Amateur Radio ... To Save Lives During Severe Weather
Moderated By: Brandon Peloquin, Warning Coordination Meteorologist,

National Weather Service Wilmington OH
NOAA's Weather–Ready Nation initiative is about building community resilience in the face of increasing vulnerability to extreme weather and water events. To achieve this, the National Weather Service (NWS) strives to develop and strengthen partnerships with those who contribute to this initiative. This presentation will describe the partnership between Amateur Radio operators and the NWS and how they work together to help communities be better prepared for severe weather.

1:15-2:15 **Room 3**

Collins Radio Association
Moderator and speaker: David Knepper, W3ST, Secretary to the Collins Radio Association
Emergency Preparedness Deployment of Collins Radio Equipment for Public Safety Communications
Collins amateur radio equipment, still has relevance and practicality in providing effective, dependable communications in any natural or man-made catastrophic event. Utilizing its superb capability and dependability, a Collins KWM-2, for example, can still be part of an integrated emergency communication system. This session will describe in detail the packaging of Collins ham equipment that still has relevance and capacity to provide reliable and dependable emergency communications.

1:00-2:15 **Room 4**

Techniques Of The Best Operators 2018
Mitch Stern W1SJ Tony Pazzola W2BEJ
Now that you've bought up all that great stuff at Hamvention, how exactly do you set it all up? Why is working new stations such a struggle? Why does everyone else work the juicy DX but I can't? Why is it every time I get into a QSO, it ends up getting swallowed up in a blast of QRM? Questions, questions, questions! Our forum today will help you go in the right direction. A good station certainly helps, but knowing WHAT to do and what NOT to do when you get on the air is even more important. We'll start off with some of the basics of good operating, learn the details for putting together a great station for those portable operations, explore the mysteries of antennas and propagation, dabble with digital, dabble with DX and finally learn how to use contests to become better operators. You won't be same operator by the end the day and will be a force to be reckoned with on the bands! You will be treated to on-the-air war stories, equipment ideas and super suggestions. Don't miss it!

1:30-2:30 **Room 5**

Using KiCad EDA Open Source Design Software
Moderator: Barry Buelow, WØIY. Rockwell Collins
WØIY Retired from 30+ years at Rockwell Collins, plus consulting at NASA, and other aviation manufacturers. Barry spends a great deal of time designing circuits, assembling PCB and tinkering with his 3D printer and toys. He volunteers with the Iowa State Univ Solar Car project and has organized a group of other Collins retirees who do home brewing.
KiCad EDA is one of a very few Open Source Electronic Design Automation suites. It provides tools for schematic capture and PCB layout. The tool is as easy to use as any other design software and provides Gerber outputs which

can go to most PCB shops. It also supports Pick-and-Place operation by providing a component placement file.

2:00-5:00 **Room 1** **Antenna Forum**
Moderator: Tim Duffy K3LR
"A Five Element Parasitic Rotatable Vertical Yagi for 160 meters" by Joel Harrison, W5ZN. Joel will review his installation and operation of his high performance directional antenna system for the 160 meter band. "A Pragmatic Approach to 630 Meter Antennas" by E.M. Tichansky, NO3M Eric will present an overview of practical 630 meter antennas for transmit and receive for all variety of lot sizes. "Near Vertical Incidence Skywave (NVIS) Antenna System Design, Construction and Operation" by Cory Gibson, W3CDG Cory will present a detailed paper using NEC models, construction, deployment and on air validation of NVIS antennas for 40 and 80 meter emergency communications. "Hydro Excavation for Radio Antenna Tower Construction" by Everett Jackson, WZ8P Hydro Excavation is the process of removing or moving soil with pressurized water. An air conveyance or vacuum is then used to transfer the soil or debris to a debris tank. This allows for a non-destructive and more accurate way to excavate soil for tower foundations. There is no need for a backhoe or bulldozer and concrete may be poured more quickly. This allows for a non-destructive and more accurate way to excavate soil for tower foundations. There is no need for a backhoe or bulldozer.

2:45-3:45 **Room 2** **Ham Radio and the Law**
Barney Scholl K3LA
The speaker will address the provisions of The FAA Extension, Safety, and Security Act of 2016 and whether the enacted law will require your current or future antenna support structure to be lighted. The 2016 Act will not affect most radio amateurs, but due to the included definitions, it could affect an existing or future tower. So it is better to be aware of its provisions before you buy that hilltop parcel of land for your future super station.
The speaker is Chester (Barney) Scholl, K3LA. Barney has been a radio amateur for 55 years and is a life member of the ARRL. Barney is now an attorney in private practice. He has represented radio amateurs and cellular companies in tower related matters and currently is solicitor for a local zoning hearing board and a member of a local planning commission.
This session also plans an extended Q & A period for the panel to allow audience members to steer discussions with respect to other topics of interest.
"Legal Liability laws Can Leave You Feeling Naked At Your Next Field Day, Hamfest or Public Event"
Learn how you and your club may avoid poverty and perdition. Adult content, not recommended for the shy or risk adverse. Speaker: The speaker is John Robert Stratton, N5AUS. John, an ARRL Life Member, is the ARRL West Gulf Division Vice-Director and Legislative Director, holds a degree in Aerospace Engineering and is an attorney in private practice specializing in civil litigation.
"Unintended Consequences of the Amateur Radio Parity Act." Or "What you don't know may hurt you".

Description of presentation. The speaker will address the controversy over the language of the Amateur Radio Parity Act and whether the proposed law will provide any significant relief for radio amateurs living in homeowners associations or under restrictive covenants running with their land. Bob will also discuss the unintended consequences of the proposed law. The Amateur Radio Parity Act will affect many radio amateurs that do not live in a HOA, but are characterized by broad language of the act to be in a community association even if there are no HOA documents or covenants. Also, the proposed statute does not actually guarantee an effective outdoor antenna for many living in an HOA.
The speaker is Bob Famiglio, K3RF. Bob has been a radio amateur for 51 years and is a life member of the ARRL. A graduate electrical engineer, Bob is now an attorney in private practice. He has represented radio amateurs in significant legal disputes involving antennas and HOA restrictions beginning even before the passage of PRB-1.

2:25-3:40 **Room 3** **ARRL International Grid Chase 2018 -- Get in the Chase!**
Presenter: Bart Jahnke, W9JJ, ARRL Contest Branch ManagerCome hear an update about ARRL's year-long on-air event, the ARRL International Grid Chase. Get tips about participating, uploading your log data to ARRL's Logbook of The World (LoTW), scoring, and awards. Remember, at the end of each month, totals on the Grid Chase leader board reset to zero. Will you be next month's leader?

2:30-3:30 **Room 4** **Young Ladies' Radio League**
Moderator, Anne Manna, WB1ARU
Young Ladies' Radio League is sponsoring this Forum for all women, licensed or not. Every woman ham is a "Young Lady" no matter what her age. The forum will provide an opportunity for meeting and networking with others who share our hobby or are interested in finding out more about it. Speakers will provide information on varied interest areas in ham radio including nets, special events, clubs, contests, scouts, emergency preparedness, and more. Bring your questions to the YL Forum and find out about women in Amateur Radio and hear from Young Ladies of all ages! OMs are also welcome to earn awards and are appreciated for their support.

4:00-5:00 **Room 2** **System Fusion Forum**
Moderator:Mark Thompson, WB9QZB
Speaker:John Kruk, N9UPC, Sales Manager, Amateur Radio Sales Division, Yaesu USA The System Fusion Forum™ will include a presentation & discussion about Yaesu's System Fusion™ Voice & Data technology designed exclusively for Amateur Radio.
The forum will review Yaesu's System Fusion™ technology including 2m / 70cm Analog FM / C4FM Digital Voice Repeaters and Mobile & Portable radios and WiRES-X™ (Wide-coverage Internet Repeater Enhancement System) & IMRS™ (Internet-linked Multi-site Repeater System) VoIP communications linking systems.

Everyone who is using or interested in System Fusion is encouraged to attend and participate to share their experiences & ask your questions about System Fusion.

3:50-5:00 **Room 3**

Software Defined Radio
Moderator Stephan Hicks N5AC
Multiple speakers will discuss new advances in the world of Software Defined Radio and will form a panel at the end to discuss questions from the audience. Moderated by Steve Hicks, N5AC, VP Engineering FlexRadio Systems.

3:45-5:00 **Room 4**

DMR Networks Forum
Moderator: John Burningham, W2XAB
The current state of the DMR networks, radios, and hot spots followed by a short introduction to writing your own code plugs.

Saturday, May 19th

9:15-10:15 **Room 1**

Drake Equipment
Moderator: Mark Gilger, WB0IQK
Supporting user interests and needs for the Drake Equipment
Resource help with Parts, Documentation, etc. Removal, Disassembly, Cleaning, & Re-installation of the Drake 4-line PTO.
Tips & Hints - Mark Gilger, WB0IQK
Speakers: Peter Shilton, VE7PS, Jeff Covelli, WA8SAJ, Mark Gilger, WB0IQK
Kenwood Legacy Equipment Forum Program Listing
Kenwood Legacy Equipment (TS-500 - TS-830)
Supporting user interests and needs for the Legacy Kenwood Equipment
Moderator - Jan Servaites, N8CBX & Mark Gilger, WB0IQK
Resource help with Parts, Documentation, etc. - Mark Gilger, WB0IQK
Hybrid relay related problem & fixes - Jan Servaites, N8CBX
SDR integration into the Legacy line - Mark Gilger, WB0IQK

9:15-12:00 **Room 2**

Youth Forum 2018
Moderated by Carole Perry WB2MGP
Come join the fun and experience the pride by attending our 30th Hamvention Youth Forum. Bring kids with you to inspire them to join the fun of being a youngster in ham radio. This is where young people will get to meet with other youngsters. Stay tuned for special announcements about fabulous opportunities for young adults in ham radio and at Hamvention. There will be lots of prizes for the speakers, the kids in the audience, and the supportive adults in the audience. You must be present to win! Come and show your support for our talented young hams!

9:15-10:30 **Room 3**

ARRL Public Service Communications Track #3: Panel Discussion
Moderator: Mike Corey, KI1U, ARRL Emergency Preparedness Manager
A chance to hear from representatives from Amateur Radio's largest organizations active during times of disaster and emergency. Sponsored by

ARRL, the national association for Amateur Radio.
Rob Macedo, KD1CY, VOIP WX Net and VOIP Hurricane Net
Paul English, WD8DBY, US Army MARS
David Stapchuk, KD9DXM, US Air Force MARS
Bill Feist, WB8BZH, SATERN
Ross Merlin, WA2WDT, Department of Homeland Security, SHAred RESources (SHARES)
Ted Okada, K4HNL, Chief Technology Officer, FEMA
Malcolm Kyser, KG4G, Chief of Communications, Civil Air Patrol

9:15-10:30 **Room 4**

HamSCI Forum
Moderator: Nathaniel Frissell, W2NAF
The Ham Radio Science Citizen Investigation (HamSCI) is an organization that allows professional researchers to collaborate with the amateur radio community in scientific investigations. HamSCI aims to advance scientific research and understanding through amateur radio activities, encourage the development of new technologies to support this research, and provide educational opportunities for the amateur community and thegeneral public.
•9:15- What is HamSCI? (Nathaniel Frissell, W2NAF)
•9:20- The Bridge Between Radio Amateurs and Space Physicists (Ethan Miller, K8GU and Phil Erickson W1PJE)
•9:35-After the Storms: Status of the Arecibo Radar/Radio Telescope (Angel Vazquez, Jr., WP3R)
•9:50-50 MHz Propagation: Winter Sporadic E and Jet Streams (Joe Dzekevich K1YOW, Presented by Phil Erickson, W1PJE)
•10:05-Solar Eclipse QSO Party Results (Nathaniel Frissell, W2NAF)
•10:25- Closing Remarks

10:25-11:20 **Room 1**

Ham Nation
This forum is the meeting placed for hundreds of Ham Nation fans. Moderated by Gordon West, Don Wilbanks, Valerie Hotzfeld, Bob Heil and George Thomas they will report on behind the scenes aspect of ham radio's most popular video web cast which is a part of Leo Laporte's TWIT network. Always a great entertaining forum which brings you lots of news and happenings from the Ham Nation team.

11:20-12:10 **Room 1**

Heil Sound Workshop
Parametric Recieve System
After two years of development, Bob Heil will demonstrate how well a perfect designed Parametric equalization system brings new life to any and all receivers. Heil's' specially designed Parametric equalization system drives the 5" woofer and 3" tweeter in a tuned cavity driven by a low distortion 25 watt amplifier. You don't want to miss experiencing this unique new system.

10:45-11:45 **Room 3**

RTTY Contesting
1. "Will Digital Contesting Migrate from RTTY to FT8?", Ned Stearns, AA7A FT8 is a new digital mode introduced this past year and has taken the digital DXing world by storm. Almost instantly FT8 dominated the activity over

RTTY, JT65 and PSK. The WSJT Developers and DXpedition organizers recognized the potential for high QSO rates under marginal propagation conditions and worked together to develop an "FT8 DXpedition Mode". What does all of this portend for RTTY contesting?
2. "RTTY Transmit Bandwidth Management", Ed Muns, W0YK
Most RTTY signals are far wider than they need to be. This causes unnecessary QRM to other stations and reduces the number of stations that can operate successfully in a given band segment. This presentation will describe the problem and the solutions for both AFSK and FSK.
3. "RTTY Contest Q&A"
This is an opportunity for attendees to have their questions addressed, either pertaining to the presentations or other topics.

10:45-11:45 **Room 4**

ATV Forum
Art Towslee, WA8RMC
Gordon West, WB6NOA, Warms up the ATV Forum with fun audio sounds, couple of one liners and preview of al excitement Mike, WA6SVT, and team are doing for digital ATV on the West coast.
Selecting, Buying and Building a Hi-Def Digital ATV Station.With the growing availability of Digital ATV gear, Mel will help determine what is needed to assemble your first station or add capability to an existing one. The latest Modulators, Demodulators, Cameras, Amplifiers, and other video devices will be explored in a fast moving and informative presentation on this ever changing technology.

10:30-11:30 **Room 5**

Kenwood Equipment Forum
Moderator: Jan Servaites, N8CBX, Mark Gilger, WB0IQK
Speaker: Jeff Covelli, WA8SAJ
Kenwood Legacy Equipment Forum Program Listing
Kenwood Legacy Equipment (TS-500 - TS-830)
Supporting user interests and needs for the Legacy Kenwood Equipment
Moderator - Jan Servaites, N8CBX & Mark Gilger, WB0IQK
Resource help with Parts, Documentation, etc. - Mark Gilger, WB0IQK
Hybrid relay related problem & fixes - Jan Servaites, N8CBX
SDR integration into the Legacy line - Mark Gilger, WB0IQK
Tips & Hints : Mark Gilger, WB0IQK
Questions and Answer session:
Jan Servaites, N8CBX, Jeff Covelli, WA8SAJ, Mark Gilger, WB0IQK

11:45-1:00 **Room 5**

National SATERN
Moderator: Bill Feist WBBZH
As technology progresses, the domestic and global communications infrastructure has become increasingly robust and resilient. This has led many to believe that there is little or no possibility that this infrastructure can completely fail. The 2017 Atlantic Hurricane Season proved that it really CAN fail - even catastrophically fail - given the right circumstances.
This talk will be about HOW it failed - particularly in Puerto Rico, the U.S. Virgin Islands and other places in the Caribbean, how the Salvation Army

Team Emergency Radio Network (SATERN) and the general amateur radio community responded to that failure, and the lessons learned from that response.

12:20-1:10 **Room 1**

Tropo Ducting On 2M Every July - 2500 Miles!
Moderator: Gordon West, WB6NQA
July is VHF/UHF tropospheric ducting month, all over the USA. Gordo, WB6NOA, will offer live demos on how local high pressure weather systems will refract VHF/UHF radio waves, over hundreds and thousands of miles, simplex, even on FM. Hear the record breaking sounds of this every-July phenomenon, where even a handy talky can work the DX! Hot day, no wind, smoke on the horizon - work tropo! Gordo shows you how.

12:15-1:45 **Room 2**

Foxhunting & Amateur Radio Transmitter Hunting (ARDF)
Speakers Bob Frey, WA6EZV and Brian DeYoung , K4BRI
Topics include demonstration and discussions on a variety of equipment and techniques used for VHF and HF mobile, on foot, and ARDF style transmitter hunts.On Saturday afternoon we will be having an on foot foxhunt with multiple transmitters in a local park.

12:00-1:15 **Room 3**

ARRL Member Forum
Moderator: Dale Williams, WA8EFK, ARRL Director
Great Lakes Division ARRL is the national association for Amateur Radio in the US. ARRL members help advance the art, science, and enjoyment of Amateur Radio. ARRL publishes the popular monthly journal QST, coordinates an extensive all-volunteer field organization, and serves members as Amateur Radio's representative voice in regulatory and legislative matters. Hear from local and national ARRL officials on key areas of membership interest. Find out how ARRL supports dozens of ways to get involved, get active, and get on the air. Members and prospective members are all welcome!

12:00-1:00 **Room 4**

QCWA Forum - 2018 | Ken Oelke, VE6AFO - QCWA President
Reaching Out To Amateur Radio Youth
Celebrating Amateur Radio operators achieving 25 years in Amateur Radio, and developing resources to assist young Amateur Radio operators in furthering their education through the QCWA Scholarship Program.
This year we are inviting all past, and hopeful future, recipients of a QCWA scholarship to join and tell us about your activities and achievements, and how the scholarship has assisted you with your education. If you are reading this, please introduce yourself at our forum.
Plan to attend this exciting forum to learn about QCWA Youth Activities and a new QCWA/RCA Youth initiative, as well learn of our support for the ARISS Program and Dave Kalter Memorial Youth DX Adventure. This year we will be holding the Annual Members' Meeting in conjunction with our forum. Learn of our past achievements, financial and membership growth. This is your forum, so be prepared to become engaged in QCWA's future! Plan to participate in a lively 'Question & Answer" session.

1:20-3:05 **Room 1**

Contesting Forum
Moderator: Doug Grant, K1DG
"The Reverse Beacon Network turns 10" - Pete Smith, N4ZR
Ten years ago, Skimmer technology gave rise to the Reverse Beacon Network, changing contesting forever. Nowadays, the RBN is used for numerous purposes both during and outside contests. N4ZR will examine some of the ways the RBN is being used and how you can use it to improve your contest scores.
"Countdown to WRTC2018" - Christian Janssen DL1MGB
The WRTC2018 Opening Ceremonies will be held 54 days from today in Wittenberg, Germany. The teams and referees have been chosen, the sites have been selected, the volunteers are being trained, and the committee is looking after all the details to make theevent a success, including both the competition and the opportunity for contesters from around the world and their families to share the excitement.
"What has the WWROF been up to lately?" - John Dorr, K1AR
The World Wide Radio Operators Foundation was formed in 2009 to help improve the skills of amateur radio operators around the world, utilizing education, competition, advancement of technology and scientific research, promoting international friendship and goodwill, and preparing them to better serve society in times of communication need. Current and recent projects include funding the log-checking infrastructure, managing awards programs, a successful Webinar program, and most recently, providing generators for amateurs in Puerto Rico who were left without power after two devastating hurricanes.
"Winning a contest using a remote station" - Chris Hurlbut, KL9A; Kevin Stockton, N5DX; Nate Moreschi, N4YDU
As remote stations have become commonplace, some of them have been used for contesting. While some operators have questioned whether remote stations would be capable of winning contests, others took up the challenge and have been very successful. Today's panelists have won major contests operating both "in-person" and remotely, and can offer some interesting observations on remote contesting.

1:30-2:30 **Room 3**

ARRL Public Service Communications #4: Stories from the 2017 Hurricanes
Firsthand accounts from volunteers who supported Amateur Radio's response to the 2017 hurricanes in Puerto Rico, US Virgin Islands, and across the Southeast US. Sponsored by ARRL, the national association for Amateur Radio.Panelists:
Mike Corey, KI1U, ARRL Emergency Preparedness Manager (moderator)
Oscar Resto, KP4RF - ARRL Public Service (guest)
Fred Kleber, K9VV - ARRL Section Manager, US Virgin Islands (guest)
Andy Anderson, KP4AAN - ARRL Public Service (guest)

1:15-2:30 **Room 4**

VHF/UHF/Microwave Forum 2018
Moderator: Tony Emanuele K8ZR
CQMagazine VHF+ Column editor.
1."Are the Bands Hot or Not: The VHF+ Remote Beacon Network."John Ackermann, N8UR. There's a propagation monitoring tool that VHFers aren't taking advantage of. Learn how the VHF+ Reverse Beacon Network can spot

openings and help increase activity.
2."Roving: A Beginners Experiences in VHF Contesting"Mark Kerhlikar, WD9HBF.
3."Some of My Favorite Test Gear Comes from China."Michael Davis, KB1JEY VHF enthusiasts have observed that new test equipment can often cost more than our car and legacy models can strain our backs. The good news is that good quality yet inexpensive signal generators, spectrum analyzers and other pieces of test gear manufactured overseas are readily available. This presentation will offer some tips on how to secure these values.
4."What's new in VHF Contesting: Events, Modes and the International Grid Chase." Bart Jahnke, W9JJ. ARRL Contest Branch Manager.

1:15-2:15 **Room 5**

Robots in The Classroom' Forum
Moderator, Kerry Hicks
Teams, coaches, and mentors from around Ohio will discuss the various FIRST programs that introduce kids of all ages to robotics, programming, and "gracious professionalism." They will be there to talk about the programs, how they benefit the kids (and the adult mentors as well), and how to the programs have spurred interest in STEM. Of course, THERE WILL BE ROBOTS to show off!

2:00-3:15 **Room 2**

AREDN – Amateur Radio Emergency Data Network
At The Center Of Emergency Preparedness
Andre, K6AH, the AREDN Project Manager, will discuss why delivering mesh networking as part of your group's EMCOMM services will produce a paradigm change for the disaster services community you serve.
Hams such as yourselves, are now building or have already implemented AREDN networks in their own cities and counties throughout the US. Learn how hams are utilizing this exciting technology to meet the expectations of served agencies by providing them access, through a high-speed network, to applications they already use. Andre will also describe how you can get involved, what equipment you should consider, and how to assemble your go kit. Finally, Andre will discuss the amazing tools you will be providing first responders and disaster service agencies such as the ARES/RACES (AUXCOM), EOCs, CERT, and the Red Cross.

3:30-5:00 **Room 2**

Digital Modes Forum
Moderator: Mel Whitten, K0PFX
Ron Ochu, KO0Z
Developing Emcomm Rural America
Seven years ago, CQ columnist and Illinois Macoupin County Emergency Coordinator, Ron Ochu, KO0Z moved from suburban living near St. Louis to rural Illinois. Ron will share Emcomm lessons learned on exploring ways for ham radio operators to gain access into the "inner circle of trust" in rural America's bureaucratic structure. Change isn't easy, but it is possible if you have the will, the means and something to offer.
Mark Miller, N5RFX
"Mobile Repeaters for DMR"
Setting up a digital repeater for emergency communications. Examples

include: 1. Motorola XPR 8300/8400. 2. How to select a transceiver for Home brew digital repeater. 3. Configuring a homebrew DMR repeater for emergency use.
Bruce Perens, N6BP
"2018 Digital Voice and Open Source Update"
Bruce Perens is showing off! There are new development in digital voice, digital modems and protocols, new and amazing hardware, space and satellites, even rules and regulations! Bruce Perens K6BP is one of the founders of the opens Source movement in software, a digital voice proponent, and has helped steer Amateur Radio toward the future for two decades, Come and hear what's going on. Time will be allotted for attendees to ask questions.

2:45-3:45 **Room 3**

HamRadio Workbench Build Projects
Moderator: George Zafiropoulos
George and Jeremy from the Ham Radio Workbench Podcast will talk about the latest show build projects along with tips and tricks for setting up your own workbench. If you are new to home brewing, want a deeper technical understanding of all things radio or are an experienced hands-on DIY type, this session is for you. We will touch on popular projects including portable HF antennas, portable power, home brew station accessories, DMR hotspots and repeaters, pocket sized test equipment and more.

2:45-3:45 **Room 4**

AMSAT Status Report
Moderator: Keith Baker, KB1SF / VA3KSF
"AMSAT Status Report" Joseph Spier, K6WAO, AMSAT-NA President, will highlight recent activities within AMSAT and discuss some of our challenges, accomplishments, projects, and any late breaking news.
"AMSAT Engineering Program" Jerry Buxton, N0JY, AMSAT-NA Vice President for Engineering, will talk about the Fox-1 and Golf (Greater Orbit Larger Footprint) Projects.
"ARISS Report 2018" Frank Bauer, KA3HDO, AMSAT-NA Vice President for Human Spaceflight will discus ARISS' "Next Generation ARISS Radio System" on the International Space Station.

2:45-3:45 **Room 5**

New Product Showcase
Moderator: Michael Kalter
Dayton Hamvention is hosting a media event allowing companies to formally announce their new products. This is primarily a media event and will be available online following the Showcase. Public seating begins when media seating is satisfied.

3:15-5:00 **Room 1**

DX Forum
Moderated by Jay Slough, K4ZLE
We welcome anyone interested in DX to attend our forum this year. While we may be one of the last forums on Saturday, we should prove to be most interesting. The forum will consist of three major presentations.
6O6O - Samolia, by Adrian, KD8SCA
DX interest should span more than reports of someone or some group

hauling a bunch or radio equipment to some possibly rare locality, setting the equipment up and making myriads of millisecond QSOs. The is often a humanitarian component to some DXpeditions and editorially perhaps there should me more emphasis on this aspect of our hobby. This expedition was just such a trip. While Adrian and Ken, LA7GIA, term this a DXpedition, there was an altruistic purpose to the trip. Adrian will tell us why they went and about the organization they are supporting by this trip.

3C1L and 3C0L - Equatoria Guinea and Annobon Island, by Yuris, YL2GM

Those of us in the US are familiar with commercials for Eveready batteries and the Energizer Bunny. "It just keeps going and going and going!" That describes this two man team and their recent operation. These two top tier operators were constantly on the air and snapping off contacts like there was no tomorrow. Little did we know then that this was only a reconnaissance trip for the 3C3W and 3C0W trip that took place in early 2018. The first trip was not without its trials and tribulations. Come meet of one of the operators first hand and hear what was involved in making these operations a reality.

3Y0Z - Bouvet, by Bob, K4UEE

While every major DXpedition has its rough spots, none in recent history has produced more heartache and pain for the direct participants and the DX community as a whole than this one. Thirty one days at sea in the waters of the Southern Ocean would be enough, in and of itself, but to see your objective setting directly in front of you and not being able to fulfill your goal would break the heart of anyone - especially after the planning and preparation that went into this trip. Bob was one of the leaders for this trip and will "come out of retirement", so to speak, to tell us about that experience.

In addition, to the presentations described above, there will be a Yaesu transceiver raffled at the conclusion of the forum. Tickets may be purchased at the forum and the winner does not have to be present to win. One hundred percent of the proceeds from this raffle are used to help fund DXpeditions like those above. Here is your chance to help make future trips possible and to potentialy win a nice radio.

4:00-5:00 **Room 3** **ARRL Collegiate Amateur Radio Initiative**

A growing number of campus radio clubs and student radio amateurs are sharing ideas and suggestions on the ARRL Collegiate Amateur Radio Initiative (CARI) Facebook page. They're (re)inspiring ham radio among our nation's colleges and universities, meeting other students, and developing career connections. Hear from students, alumni, and faculty. The ARRL Collegiate Amateur Radio Initiative is sponsored in part by the W1YSM Snyder Family Collegiate Amateur Radio Endowment.

Andy Milluzzi, KK4LWR, ARRL Public Relations Committee

Tony Milluzzi, KD8RTT, ARRL Volunteer, Collegiate Amateur Radio Initiative

4:00-5:00 **Room 4** **FCC Disaster EmComm Public Workshop**

Moderator: Curt Bartholomew, N3GQ, FCC Emergency Manager

Federal Agent | Emergency & Continuity Manager

5 DHS/FEMA Officials, including Ted Okada, K4HNL, Chief Technology Officer

One DHS/OEC Official: John Peterson, N4KEA

One NCC Official: Ross Merlin, WA2WDT, SHARES Program Manager
One American Red Cross Official: TBD
One Winlink Official: Steve Waterman, K4CJX/NCS396
One US Army MARS Official: Paul English, WD8DBY, Program Manager
One USAF MARS Official: TBD
Several ARRL Officials: TBD
One SATERN Official; TBD
One Southern Baptist Disaster Relief Official: TBD

Sunday, May 20th

9:15-10:15 **Room 1**

West Mountain Radio presents
Exploring Network 105 - The HF amateur packet radio network.
Moderator: Sholto Fisher.
Network 105 has been in continuous operation since 1986 and is a global RF Wide Area Network. It's a place to chat & make friends, exchange personal mail, experiment with computers & software, and explore the ever evolving network. This presentation is not beginner level but all are welcome to attend.

9:15-10:15 **Room 2**

Reaching the Public with Ham Radio
Many radio clubs organize displays and exhibits to garner interest for Amateur Radio. They recruit new hams at Maker Faires, school and Scouting events, county fairs, public events, and science and technology conventions. Clubs also setup displays for the general public during ARRL Field Day. Come learn and share different methods for organizing exhibits and engaging the public at non-radio events. Sponsored by ARRL, the national association for Amateur Radio.
Tommy Gober, N5DUX – Instructor, ARRL's Teachers Institute on Wireless Technology
Bob Inderbitzen NQ1R – ARRL Marketing Manager

9:15-10:15 **Room 3**

Receiving Antennas
Moderator: Eric Nichols, KL7AJ
Eric P. Nichols, KL7AJ . KL7AJ is a two-time recipient of the William Orr, W6SAI Technical Writing Award, conferred by the ARRL. He is currently technical editor for the W5YI group, working closely with Gordon West. He has written dozens of articles for QST, and is the author of The Opus of Amateur Radio Knowledge and Lore, Radio Science for the Radio Amateur, Propagation and Radio Science, and, Digital Storage Oscilloscopes for Ham Radio. He is currently writing a book on active and passive receiving antennas for ARRL, the topic of this talk.
Receiving antennas are DIFFERENT! Almost every amateur radio station can benefit from having a separate receiving antenna. Eric Nichols, KL7AJ will discuss the profound differences between the requirements of transmitting and receiving antennas, and how to optimize antennas for reception. As the overall noise floor in the HF band steadily increases, the deployment of well designed, low-noise receiving antennas will be increasingly important. Exciting new technologies make small, effective receiving antennas possible and practical.

9:15-10:15 **Room 4**

Bicycle Mobile Hams of America (The 28th Annual forum at Hamvention)
Moderator: Mike Nickolaus, NF0N
Bicycle Mobile Hams of America got its start in 1989 when a QST article by Hartley Alley, NA0A asked hams who operate their radios while bicycle-mobile to get together and form a group. BMHA hosts a website along with the BMHA Yahoo Groups forum.
Mike Nickolaus: NF0N : Review of 2018 BMHA Bicycle Trail Ride
Steve D'Amico: KC8QVO : Bicycle setup and overview of some of his trips. Steve will have his bike and demonstrate his gear and show ergonomic tips for all day trips. He will show some pictures of the trips he has done. We plan to have bicycle mobile displays and demonstrations of each will be conducted.

10:30-11:30 **Room 1**

Secure Energy Forum
Speaker: Bob Bruninga, WB4APR
Solar, wind, batteries and electric cars are revolutionizing the home energy considerations for the Radio Amateur. Just in the last ten years, home grid-tie solar now costs less than half the utility, The average cost of the 35 Electric Cars now on the market with incentives now costs several thousand dollars less than the average gas car. And with the Tesla Gigafactory, now energy storage for the home is becoming practical. These all contribute to energy security for the home and ham shack but it is not your father's 60 Hz legacy iron boat anchors any more. For example, the engine/generator in a simple Prius is rated at 50,000 Watts. Home solar is typically 5 to 10 kW.. Come learn about what you can do to incorporate new energy into your home and shack.

10:30-11:30 **Room 2**

The "Portable Magnetic Loop Antenna" Forum
Antenna Seminar Schedule
100 MHz to 1 GHz | PY1AHD ALEX - Alexandre Grimberg
Magnetic Loop antennas have existed for more than 100 years and Alex decided to design the Portable Magnetic Loop Antenna for a simpler-than-ever outdoor antenna, and as the ultimate solution for the antenna restricted hams. For over 15 years of intense work Alex was challenged to break five unbeatable technical paradigms to create the first Portable Magnetic Loop Antenna-The world famous AlexLoop.
All those 15 years of the Portable Magnetic Loop Antenna research and development challenges will be compacted on a 50-minute presentation which will bring to the audience technical information and a lot of fun.
Five short duration videos will be presented including some exotic projects such as the Coke Loop - http://www.alexloop.com/artigo36.html.

Forums Overall Schedule

2018 Forums Overall Schedule

FRIDAY May 18, 2018

	Room 1	Room 2	Room 3	Room 4	Room 5
9:15 AM	TAPR Scott Cowling WA2DFI 9:15-10:30	Remote Operating Mark Aaker K6UFO 9:15-10:15	ARRL Public Service Communications #1: Getting Started Mike Corey KI1U 9:15-10:30	SHARES HF EMCOMM Ross Merlin WA2WDT 9:15-10:15	Parks on the Air Thomas Martin W8TAM 9:15-10:30
9:30 AM					
9:45 AM					
10:00 AM					
10:15 AM					
10:30 AM		Mars Paul English 10:30-11:30		Instructor's Forum Carole Perry WB2MGP 10:30-11:30	
10:45 AM	APRS Bob Bruninga WB4APR 10:45-11:45		Antennas for Emergencies Frank Beafore WS8B 10:40-11:40		
11:00 AM					
11:15 AM					
11:30 AM					
11:45 AM		D-Star Robin Cutshaw AA4RC 11:45-1:00		Kit Building Joe Elsenberg K0NEB 11:45-12:45	Balloon Sat Bill Brown WB8ELK 11:45-1:15
12:00 PM	Homeland Security John Peterson 12:00-1:45		ARRL Public Service Communications #2: Building Partnerships 11:50-1:05		
12:15 PM					
12:30 PM					
12:45 PM					
1:00 PM		National Weather Service Brandon Peloquin 1:15-2:30	Collins Radio David Knepper W3ST 1:15-2:15	Techniques of Best Operators Mitch Stern W1SJ 1:00-2:15	Using KiCad Barry Buelow WØIY 1:30-2:30
1:15 PM					
1:30 PM					
1:45 PM					
2:00 PM	Antenna Forum Tim Duffy K3LR 2:00-5:00			YLRL Anne Manna WB1ARU 2:30-3:30	New Product Showcase Media Event 2:45-3:45
2:15 PM		Ham Radio and the Law B.Scholl K3LA J.Stratton N5AUS B.Famiglio K3RF 2:45-3:45	ARRL International Grid Chase 2018- Get in the Chase! 2:25-3:40		
2:30 PM					
2:45 PM					
3:00pm					
3:15 PM					
3:30 PM					
3:45 PM				Digital Mobile Radio John Burningham W2XAB 3:45-5:00	
4:00 PM		System Fusion Mark Thompson WB9QZB 4:00-5:00	Software Defined Radio Stephan Hicks 3:50-5:00		
4:15 PM					
4:30 PM					
4:45 PM					
5:00 PM					

SATURDAY May 19, 2018

	Room 1	Room 2	Room 3	Room 4	Room 5
9:15 AM	Drake Equipment Mark Gilger WB0IQK 9:15-10:15	2018 Youth Forum Carole Perry WB2MGP 9:15-12:00	ARRL Public Service Track# 3: Panel Discussion 9:15-10:30	HamSCI Nathaniel A Frizzell PHD W2NAF 9:15-10:30	
9:30 AM					
9:45 AM					
10:00 AM					
10:15 AM					
10:30 AM	Ham Nation Bob Heil K9EID 10:25-11:20				Kenwood Equipment Jan Servaites N8CBX 10:30-11:30
10:45 AM	Heil Sound Workshop Bob Heil K9EID 11:20-12:10		RTTY Contesting Ed Muns W0YK 10:45-11:45	Fast Scan ATV Art Towslee WA8RMC 10:45-11:45	
11:00 AM					
11:15 AM					
11:30 AM					
11:45 AM					
12:00 PM	TROPO DUCTING ON 2m Gordon West WB6NOA 12:20-1:10	Foxhunt/ARDF Dick Arnet WB4SUV 12:15-1:45	ARRL Member Forum Dale Williams WA8EFK 12:00-1:15	QCWA Ken Oelke VE6AFO 12:00-1:00	Satern Bill Feist WB8BZH 11:45-1:00
12:15 PM					
12:30 PM					
12:45 PM					
1:00 PM					
1:15 PM	Contesting Doug Grant K1DG 1:20-3:05		ARRL Public Service Track #4: Stories from the 2017 Hurricanes 1:30-2:30	VHF-UHF Tony Emanuele WA8RJF 1:15-2:30	Robotics In The Classroom Kerry Hicks 1:15-2:15
1:30 PM		AREDN Andre Hansen K6AH 2:00-3:15			
1:45 PM					
2:00 PM					
2:15 PM			HamRadio Workbench Build Projects George Zafiropoulos KJ6VU 2:45-3:45	AMSAT Joseph Spier K6WAO 2:45-3:45	
2:30 PM					
2:45 PM					
3:00pm					
3:15 PM					
3:30 PM	DX Forum Jay Slough K4ZLE 3:15-5:00	Digital Modes Mel Whitten K0PFX 3:30-5:00			
3:45 PM			ARRL Collegiate Amateur Radio Initiative Andy Milluzzi KK4LWR 4 :00-5:00	FCC Curt Bartholomew N3GQ 4:00-5:00	
4:00 PM					
4:15 PM					
4:30 PM					
4:45 PM					
5:00 PM					

SUNDAY May 20, 2018

	Room 1	Room 2	Room 3	Room 4
9:15 AM	West Mountain Radio Sholto Fisher K7TMG 9:15-10:15	Reaching The Public with Ham Radio Tommy Gober N5DUX 9:15-10:15	Receiving Antennas Eric Nichols KL7AJ 9:15-10:15	Bicycle Mobile Mike Nickolaus NF0N 9:15-10:15
9:30 AM				
9:45 AM				
10:00 AM				
10:15 AM				
10:30 AM	Secure Energy for the Radio Amateur Bob Bruninga WB4APR 10:30-11:30	The Portable Magnetic Loop Alexandre Grimberg PY1AHD 10:30-11:30	10:30-11:30	10:30-11:30
10:45 AM				
11:00 AM				
11:15 AM				
11:30 AM				

Award Winners

The Hamvention Awards committee is very excited and pleased to announce the winners of the four Hamvention 2018 awards. Co-chairs Michael Kalter, W8CI, and Frank Beafore, WS8B, said, "We would like to thank everyone who nominated a candidate. The process is always difficult and the Awards Committee reached agreement on the following winners. Please join us in congratulating these outstanding 2018 winners."

Club of the year: The Portage County Amateur Radio Service

The Portage County Amateur Radio Service (PCARS) was established in November of 2005. It is an ARRL Affiliated Club and an ARRL Special Service Club.

PCARS has an average of 43 hours of club activities per month including special interest groups, license training, contests run from our club site, and club social events. Our members cover a wide range of interests that allow us to support public safety organizations, student outreach programs and activities focused on growing our hobby. We love to share our experiences and have a requirement that our events be filled with a lot of fun. Members have joined PCARS because of all the activities and fun we have.

We have created our own contests and events including our annual Freeze Your Acorns Off in February and Ohio State Parks on the Air that was used as a model for the ARRL's™ NPOTA contest. We have also donated time and money to our community including over $6,000 in 2017.

We have several "Build Days" each year where we have projects covering home built transceivers, antennas, and digital equipment to allow members to inexpensively grow into new areas of the hobby. Each month we have at least one GOTA (Get On the Air) day where members and non-members can use club site equipment to learn about HF and new modes of operation. It is all about building our hobby, helping our community, building our skills and most of all having fun.

Award Winners

Amateur of The Year: Valerie Hotzfeld, NV9L

Valerie Hotzfeld NV9L, was first licensed in 2006. After being very active in her local amateur radio clubs and ARES, she discovered HF. This is when she became obsessed with DXing and contesting. In the past few years, she has enjoyed inviting new hams to her station to DX or contest.

She is a co-host on the show "Ham Nation" and has created several "how to" videos on YouTube for the ham radio community. She also enjoys delivering various presentations via Skype to amateur radio clubs across the U.S. She's been the pilot or lead pilot for four major Dxpeditions.

She is currently the treasurer for her contest club and the prize chairman for W9DXCC and SMC-fest. In 2017, she became very active in public service; going to Texas after hurricane Harvey to help rescue small animals as well as being deployed to Puerto Rico with the American Red Cross for three weeks as part of the "Force of 50" providing critical amateur radio communications after hurricane Maria. Amateur radio has enriched her life, because of the challenges and great friends this hobby brings.

Technical Achievement Award: Chip Cohen, W1YW

Chip Cohen, W1YW has been a radio amateur for 52 years. Bitten by the antenna bug, he became a professional radio astronomer and astrophysicist, using the world's biggest antennas at Arecibo, VLA, Haystack, NRAO, and many others.

While a professor at Boston University, he connected fractal geometry with antennas, pioneering a paradigm shift on how antennas are designed, what they make possible, and has seen fractal antennas enable millions, save lives, and make life easier.

Starting with simple flea market treasures 30 years ago, W1YW bootstrapped fractal antennas with modest gear and employed ham radio exclusively to prove out and report this new technology. Fractal antennas are ham-grown. He started Fractal Antenna Systems, Inc. with WA1ZWT (SK) in 1995, and is presently CEO. An inventor with 41 US patent, W1YW is also known for inventing the invisibility cloak, using fractal antenna techniques to make it possible.

Chip is an avid DXer with 355 countries , DXCC Top of the Honor Roll, and is a strong cheerleader for technical 'innovation culture' through ham radio. He is a Life Member of the ARRL, and Fellow of the Radio Club of America, where he served as Vice President and presently as Director.

Special Achievement Award: Heriberto Perez, KK4DCX; Victor Torres, WP4SD and Emilio Ortiz JR, WP4KEY

Puerto Rico was devastated by hurricane Maria, a powerful category 4 storm, the strongest to make landfall in PR in 85 years. It came ashore on Sept, 20, 2017 with 155 mph winds. All the communication services and utilities collapsed.

On Sept. 21, 2017, Ham Radio operator Herb Perez KK4DCX mobilized his radio equipment to the local public broadcasting station Radio Sol in San German, along with Ham Radio Operators Victor Torres WP4SD and Emilio Ortiz JR. WP4KEY. The team immediately set up the gear and began the extraordinary mission of health and welfare traffic to thousands of family members across the continental USA.

Thanks to the support and help of more than 45 Ham Operators across the USA more than 4000 messages were effectively delivered via phone calls to family members in the United States, bringing tearful joy between family love ones.

Left: Heriberto Perez, KK4DCX; center, Victor Torres, WP4SD and right, Emilio Ortiz JR. WP4KEY.

Previous Award Winners (continued)

Amateur of the Year

1955..William C. Jenney, W8FYW
Benjamin S. Zieg, W9EHU, K4OQK
1956..Edmund C. Ryan, W8LRR
1957..Ralph Crammer, W8VHO
1958...Rev. C. Lynn White, K4CC
1959..Harlow Lucas, W8QQ
1960..Paul Woffe, W8IVE
1961..Ed Bonnet, W8OVG
1962..Dana Cartwright, W8UPB
1963..Chester Funk, K8EUF, K7ZKL
1964 .H. Ruble, W8PTF
1965..Carl B. Snyder, W8ARW
1966..Robert K Caskey, W9DNQ
1967..Jack Gray, W8JDV
1968..Elmer Schubert, W8ALW
1969..Wayne Walters, W9DOG
1970..Kay Anderson, W8DUV
1971..Al Michel, W8WC
1972 .Don C. Miller, W9NTP
1973..Ray E. Myers, W6MLZ
1974..Barry Goldwater, K7UGA
1975 .Richard A. Daniels, WA4DGU
1976..Joseph M. Hertzberg, N3EA
1977..Rafael M. Estevez, WA4ZZG
1978..Frank Schwab, W8OK
1979..George G. Batterson, W2GB
1980..Wayne Overbeck, N6NB
1981..Eric C. Shalkhauser, W9CI
1982..Robert G. Heil, Jr., K9EID
1983..Katashi Nose, KH6IJ
1984..Dave L. Bell, W6AQ
1985..John J. Willig, W8ACE
1986..Roy Neal, K6DUE
1987..Carole Perry, WB2MGP
1988..Bill Bennett, W7PHO
1989..Bill Pasternak, WA6ITF
1990..Stephen Mendelsohn, WA2DHF
1991..John B. Johnston, W3BE
1992..Richard Baldwin, WIRU
1993..Harry Dannals, W2HD
1994..Perry Williams, WlUED
1995..Rosalie White, WA1STO
1996..William A. Tynan, W3XO
1997..Leo I. Myerson, WØGFQ
1998..Andrew J. Feldman, WB2FXN
1999..Kenneth M. Miller, K6IR
2000..Marttie Laine, OH2BH
2001..George Jacobs, W3ASK
2002..Alanson "Hap" Holly, KC9RP
2003..Larry "Tree" Tyree, N6TR
2004..David Kopacz, KY1V
2005..Alan S. Kaul, W6RCL
2006..Gordon West, WB6NOA
2007..Jim Haynie, W5JBP
2008..Ward Silver, NØAX
2009..Wade D. Hampton, K4ITL
2010..Jim Stafford, W4QO
2011..Shirley Roberts, N8LX
2012....S. Suri, VU2MY
2013..None Given
2014..Dr. Larry E Prince, W4RA
2015..Tim Duffy, K3LR
2016..Joe Taylor, K1JT
2017..Frank Bauer KA3HDO

Previous Award Winners (continued)

SPECIAL ACHIEVEMENT AWARD

1977 ..... South American Moonbounce (EME) Expedition Team of the Mt. Airy VHF Radio Club Inc., Philadelphia, PA
Elliott Weisman, K3JJZ
Anthony Sousa, W3HMU
S. William Olsan, W3HQT
Walter Boldman, K3BPP
Daniel Mitten, WA3NFU
Socrates Martinez, WB3AFY
Bohnar Aguilar, WB3AOP
1978 ..... Ronald Moorefield, W8ILC
1979 ..... Edward Tilton, W1HDQ
1980 ..... Joseph Merdler N6AHU
198I ..... Bill Pasternak, WA6ITF,
Bill Orenstein, KH6IAF
1982 ..... Bruce Humphrys, KØHR
1983 ..... Lenore Jensen, W6NAZ
1984 ..... Ethel Smith, K4LMB
1985 ..... Judith Frye, KG8P
1986 ..... Rev. Michael Mullen, C.M., WB2GQW
1987 ..... Arthur Gentry, W6MEP
1988 ..... Fred Hammond, VE3HC
1989 ..... Phil Karn, KA9Q
1990 ..... Paul Thomson, KCØVG
1991 ..... Nate Brightman, K6ØSC
1992 ..... Ned Raub, W1RAN
1993 ..... Robert Adams, WA9ZMO
1994 ..... Russ Kroeker, N7HGE
1995 ..... Ed Briner, WA3TVG
1996 ..... John Kraus, W8JK
1997 ..... Joseph J. Fairclough, WB2JKJ
1998 ..... John B. Bellows, Jr., KØQB
1999 ..... Paul D. Lieb, KH6HME
2000 ..... A. Prose Walker, W4BW
2001 ..... Frank Bauer, KA3HDO
2002 ..... Dr. Owen Garriott, W5LFL
2003 ..... Jonathan Taylor, K1RFD
2004 ..... George S. Wilson III, W4OYI
2005 ..... D. Bharathi, VU2RBI
2006 ..... Riley Hollingsworth, K4ZDH
2007 ..... Ed Hare, W1RFI
2008 ..... Emery McClendon, KB9IBW
2009 ..... Richard Garriott, W5KWQ
2010 ..... Richard "Dick" Ross
2011 ..... Fred L. Lloyd, AA7BQ
2012 ..... Steve Betza, WZ2V
2013 ..... George a. Thomas, Jr, W5JDX
2014 ..... David Sumner, K1ZZ
2015 ..... Thomas C. Medlin, W5KUB
2016 ..... Stan Horzepa, WA1LOU
2017 ..... S. Ram Mohan VU2MYH

TECHNICAL EXCELLENCE AWARD

1984 .... Lyle Johnson, WA7GXD
1985 ... Richard Whiting, WØTN
1986 .... M. E (Doug) DeMaw, W1FB
1987 .... Henry (Hank) Oredson, WØRLI
1988 .... Lew McCoy, W1ICP
1989 .... Byron Goodman, W1DX
1990 .... Bob McGwier, N4HY
1991 .... Lou McFadin, W5DID
1992 .... Gerald Cromer, K4NHN
1993 .... Dick Jansson, WD4FAB
1994 .... Dick Newell, AK1A
1995 .... Philip Ferrell, K7PF
1996 .... William Orr, W6SAI
1997 .... Al Ward, W5LUA
1998 .... Robert E. Bruninga, WB4APR
1999 .... Alfonso R. Torres, KP4AQI
2000 .... Dr. H. Paul Shuch, N6TX
2001 .... Peter Martinez, G3PLX
2002 .... Allen Waller, K3TKJ
2003 .... Steve Dimse, K4HG
2004 .... Barry Sanderson, KB9VAK
2005 .... Dr. Jerry Sevick, W2FMI
2006 .... Richard Illman, AH6EZ
2007 .... David Cameron, VE7LTD
2008 .... Thomas C. McDermott, N5EG
2009 .... Copthorne MacDonald, VY2CM
2010 .... Simon Brown, HB9DRV
2011 .... Roy W. Lewallen, W7EL
2012 .... Joel R. Hallas, W1ZR
2013 .... David Rowe, VK5DGR
2013 .... David M. Whitten, II, KD0EAG
2014 .... David Freese Jr, W1HKJ
2015 .... Reverend George Dobbs, G3RJV
2016 .... John S. Burningham, D.I.T, W2XAB
2017 .... Rob Brownstein K6RB

2018 ARRL/DARA Scholarships

Christopher W. Babineau, KK4QQV

Shortly after Christopher earned his ticket at the age of 14, he spent a large amount of time working the 10-meter band available to Technician-class operators, and logged his first QSO with a ham in Argentina. This contact sparked his interest in DXing, as well as an interest in electronics, computers, and the internet. He also loves to build and tinker with custom computers. Christopher has participated in a number of Sweepstakes, Islands on the Air events at Sunset Beach, NC, the 2013 Pennsylvania QSO Party, the 2014 and 2016 Virginia QSO Party, and the 2015 IARU HF Championship. In high school, Christopher enjoyed working on school theater productions, competing with the varsity swim team, and volunteering in his community. He is now attending Virginia Polytechnic Institute and State University to earn a degree in computer engineering.

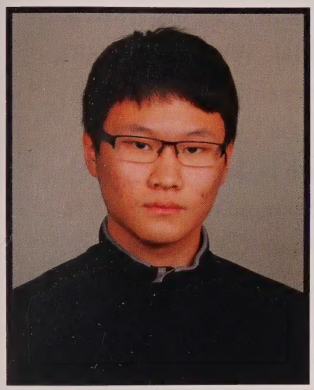
Owen Cruise, NØWEN

Owen is completing his freshman year at the University of California, San Diego in La Jolla, California (UCSD). He graduated from Mt. Carmel High School in San Diego with a GPA of 4.2. Owen joined the Mt. Carmel High School Amateur Radio Club (W6SUN) as a high school freshman, and he was very active until graduation, holding the role of club president in his senior year. As a club member, Owen worked with engineer mentors to plan and execute high-altitude balloon launches with various payloads, helped to get a vanity call for the club, assisted with licensing classes, and worked to expand the club membership. Owen also participated in several ARRL Field Days, is an ARRL member and registered VE, and operated the radio station aboard the USS Midway (NI6IW). Owen is now active with the UCSD Amateur Radio Club and is working toward a degree in mechanical engineering. He has interned with Northrop Grumman and currently holds an Amateur Extra-class license.

Marissa Cartwright, KEØBGH

Marissa is attending the Honors Program at Coe College in Cedar Rapids, Iowa, and earned her Technician license in 2014. While in high school, she was in the Honor Society, and was also active in the marching and jazz bands, the symphony, choir, 4-H, multiple sports, and many other activities. Marissa has also participated in ARRL Field Days and several DX activities, and she volunteers at community events, saying she has a deep appreciation for the role Amateur Radio plays in emergencies. She has an avid interest in the environment and is a certified volunteer water tester for Iowa, and is working toward dual-degrees in environmental science and biology.

2018 ARRL/DARA Scholarships

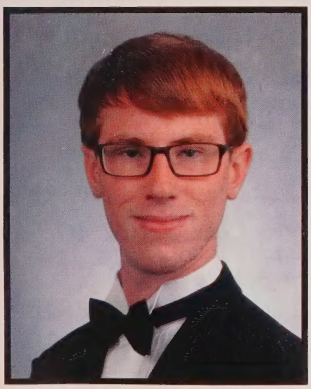


Daniel Guo, KEØCLZ

Daniel is from Omaha, Nebraska, and entered the University of Nebraska-Lincoln this past fall. Daniel was active in his high school Amateur Radio Club, and he also participated in the Engineering and Robotics Clubs and the marching and jazz bands. Daniel says he learned about Amateur Radio through his friends, and the group built their own radio transceivers to talk to each other through Morse code. Besides learning about the science behind radios, Daniel loves to meet interesting people over the air. At the University of Nebraska, Daniel is studying computer science to expand his technological skills and hopes to one day contribute to the advancement of science in our society.

Cami Price, KD8ILG

Cami earned her Technician license when she was just 9 years old with help from her grandfather (N3LWM) and father (K8WFL). She loves being able to talk to people around the world and help her community. Cami said, "When I was younger, I loved mail day because I had a competition with my grandfather to get the most QSL cards." Cami is an active member of Ohio ARES, participating in drills, nets, and training. She is also a member of ARRL, the Radio Society of Ohio, the Young Ladies Radio League, and has worked ARRL Field Days, portable ops, wires-X, and digital. She is attending Lake Erie College in Ohio to earn degrees in forensic accounting and business.



Nicholas Sileo, K1NRS

Nicholas comes from a family of hams – his father, sister, three uncles, and his grandfather are all licensed. He said, "Amateur Radio is a tradition in our family, and is enjoyed by all of us." Nicholas attends meetings at a local club with his father. At his high school in Parkland, Florida, Nicholas is an active volunteer in his community, helping at the Fort Lauderdale Museum of Discovery and Science and the YMCA. He is also an outstanding student, having received several academic awards and was in the Math Honor Society. Nicholas also participated in the high school's marching and jazz bands. Nicholas is currently attending the University of Florida, majoring in engineering and computer science.

The ARRL Foundation will be announcing the recipients of DARA Scholarships for this year after May 15th.

To apply for future DARA Scholarships, each applicant must submit a transcript from their high school or college to complete their application. Applications must be submitted via the ARRL website and transcripts should be sent via e-mail. Applications without transcripts will not be considered. Questions concerning the application process should be directed to foundation@arrl.org.

Applications must be submitted no earlier than October 1st and no later than February 1st along with a current academic transcript.

Dayton Hamvention Past General Chairs

1952-1955	John J. Willig, W8ACE	*
1956-1957	Rudy Plak, W8ZOF (W6TIK)	*
1958	Frank J. Schwab, W8YCP (W80K)	*
1959-1960	Ed F. Bonnet, W80VG	*
1961-1962	Joseph H. McNutt, W8GFN	*
1963-1964	Sheemon A. Wolfe, W8WJL	*
1965-1966	Edgar A. Smith, W8RKL	*
1967	Robert Wilcox, K8EJI	*
1968-1969	Jack Ohmart, K8CUA	*
1970-1971	Kenneth E. Mills, W8RLY	
1972	George L. Shearer, WA8IHC (KE8WJ)	*
1973-1976	Ted L. Suarez, K8BSC	*
1977	Wallace M. Wright, WA8ZCA (AD8N)	*
1978	John Basilotto, W5GI (WA8ZAN)	*
1979	Sandford H.Cohen, W8JEZ	*
1980-1981	Noel K. McKeown, WB8QQC	
1982-1983	Harold A. Judd, K4GZL	*
1984-1985	Jack Mitchell, AA8Q	
1986-1987	Jim Simpson, WB8QZZ	
1988-1989	Bill McNabb, WD8SAY	
1990	Ed Hillman, N8ALN	
1991-1992	Ross Brown, WA8DQH	
1993-1994	Dave Grubb, KC8CF	
1995-1996	Ken Allen, KB8KE	
1997-1999	Dick Miller, N8CBU	*
2000-2002	Jim Graver, KB8PSO	
2003	Pat Neff, N8IGS	
2004- 2005	Gary Des Combes, N8EMO	
2006-2007	Jim Nies, WX8F	
2008-2009	Carl Rose, K8CPR	
2010	Lee Boeckerman, W8LFB	
2011-2012	Michael Kalter, W8CI	
2013-2014	Charles Kaiser, KD8JZR	
2015-2016	Jim Tiderman, N8IDS	
2017	Ron Cramer, KD8ENJ	

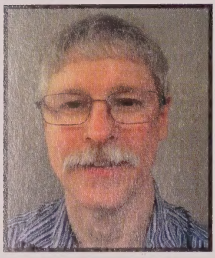
* Silent Key

Past DARA Presidents

1926	C.A. Petry	8AWN
1927	C.A. Petry	8AWN
1928	Lou Driggs	W8HEQ
1929	Ray Stotts	
1930	Art John	W8DMI
1931	Fred Rawson	W8KKH
1932		
1933	Fred Allen	W8GER /W8FU
1934		
1935	Dan C. McCoy	W8CI/W8DG
1936		
1937		
1938	Emil Henrich	W8OVL
1939		
1940	Russ Gardner	W8TPC
1941		
1942	Cheever Ely	W8LJ
1943	Cheever Ely	W8LJ
1944	Cheever Ely	W8LJ
1945	Hyde E. Ruble	W8PTF
1946	Hyde E. Ruble	W8PTF
1947	Russ Hardy	W8AQT
1948	Clem Wolford	W8ENH
1949	John Willig	W8ACE
1950	Clem Wolford	W8ENH
1951	Frank Schwab	W8YCP/W8OK
1952	Frank Schwab	W8YCP/W8OK
1953	Hyde E. Ruble	W8PTF
1954	Rudy Plak	W8ZOF
1955	Allan D. Gunston	W8GQ
1956	Andrew B. Henderson	W8WYL
1957	Robert G. Siff	W8QDI
1958	Ed F. Bonnet	W8OVG
1959	Joseph H. McNutt	W8GFN
1960	Walter G. Burdine	W8ZCV
1961	Robert F. Zimmerman	W8DPW/W8ZM
1962	Hyde E. Ruble	W8PTF
1963	Richard D. McFadden	K8ERE
1964	Ted Suarez	K8BSC
1965	Robert E. Wilcox	K8EJI
1966	Jim Dakin	K8BPC
1967	Ken Mills	W8RLY
1968	George Shearer	WA8IHC/KE8WJ
1969	George Shearer	WA8IHC/ KE8WJ
1970	Owen Vance	WA8PHW
1971	Jules Wittebort	W8SE
1972	Budd Chaney	WA8UUX
1973	Wesley Duckwitz	W8IPT
1974	Ken Mills	W8RLY
1975	Robert O. Wilson	W8JRN
1976	Robert O. Wilson	W8JRN
1977	Melvin L. Levy	WA8YKV
1978	Melvin L. Levy	WA8YKV
1979	William G. Ingling	W8SVI
1980	William G. Ingling	W8SVI
1981	Victor M. Stauder	N8FPF/WA2KOO
1982	Victor M. Stauder	N8FPF/WA2KOO
1983	Thomas Holmes	N8ZM
1984	Victor M. Stauder	N8FPF/WA2KOO
1985	Edgar "Red" Smith	W8RKL
1986	Ray Smith	KR8B
1987	Ray Smith	KR8B
1988	Al Torres	KP4AQI
1989	Thomas Holmes	N8ZM
1990	Thomas Holmes	N8ZM
1991	Ron L. Moorefield	W8ILC
1992	Thomas Holmes	N8ZM
1993	Victor M. Stauder	N8FPF/WA2KOO
1994	Thomas Holmes	N8ZM
1995	Dave Coons	WT8W
1996	Dave Coons	WT8W
1997	Michelle Ervin	KA9FUL
1998	Gary DesCombes	N8EMO
1999	Gary DesCombes	N8EMO
2000	John Phillips	N8ZGT
2001	Reuben Meeks	W8GUC
2002	Reuben Meeks	W8GUC
2003	Mike Buehler	N8XGA
2004	Mike Buehler	N8XGA
2005	Michael Kalter	W8CI
2006	Michael Kalter	W8CI
2007	Jim Simpson	WB8QZZ
2008	Jim Simpson	WB8QZZ
2009	Steve Coy	K8UD
2010	Jim Simpson	WB8QZZ
2011	Steve Coy	K8UD
2012	Don Dubon	N6JRL
2013	Don Dubon	N6JRL
2014	Reuben Meeks	W8GUC
2015	Don Dubon	N6JRL
2016	Andrew Anderson	N8VES
2017	Andrew Anderson	N8VES

Dayton Amateur Radio Association

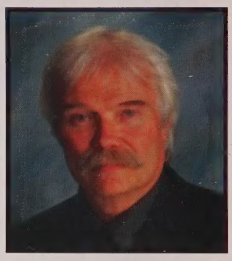
DARA Board



Sam Anderson, N8VES
President

Dan Puckett, W8AAU
Vice President

Nancy Krodel, KC8RMT
Secretary



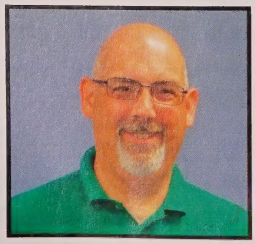
Michael Kalter, W8CI
Treasurer

Jeff Devoe, K8JTD
Senior Trustee

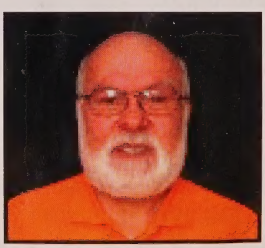
Jim Tiderman, N8IDS
Junior Trustee

Ron Cramer, KD8ENJ
Hamvention General Chair

Planning Council



Rob Lunsford, KB8UEY



Charles Kaiser, KD8JZR

Carl Rose, K8CPR

While you are in town be sure to stop by the newly re-modeled club house with a 4000 square foot addition

DARA Club House

Open House Hours:

Friday 6:00 p.m.-8:00 p.m.

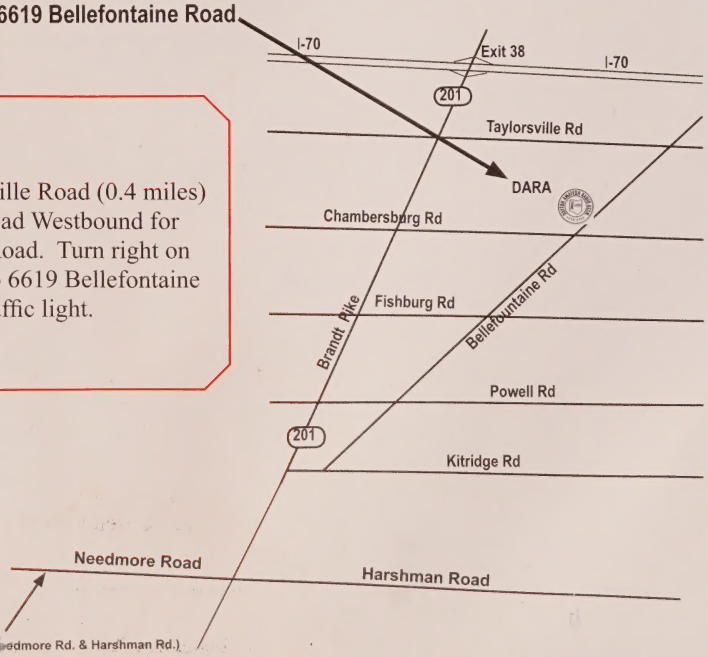
Saturday 6:00 p.m.-8:00 p.m.

Directions to DARA's Club House

6619 Bellefontaine Road

From I70

Go South on Brandt Pike to Taylorsville Road (0.4 miles) and turn left. Follow Taylorsville Road Westbound for 1 mile to stop sign at Bellefontaine Road. Turn right on Bellefontaine and follow 1.1 miles to 6619 Bellefontaine Road on the right just north of the traffic light.



KENWOOD

To be unveiled at Dayton Hamvention.

JVCKENWOOD Corporation